

# RECENT SCHOOL ARCHITECTURE

DEPARTMENT OF PUBLIC INSTRUCTION

STATE OF NEW YORK



Charles Blum.



Compliments of

*Charles R. Kinner,*

*State Superintendent of Public Instruction.*



MLAN957  
TNORDC

HINGES WEAK  
\$ 75-

631  
AB



RECENT  
SCHOOL ARCHITECTURE.

SELECTED REPRINTS FROM THE ANNUAL REPORTS

OF

CHARLES R. SKINNER,  
STATE SUPERINTENDENT OF PUBLIC INSTRUCTION.

NEW YORK :

1897.

WYNKOOP HALLENBECK CRAWFORD CO.,  
STATE PRINTERS,  
ALBANY AND NEW YORK.



THE GETTY CENTER  
LIBRARY



## RECENT SCHOOL ARCHITECTURE.

---

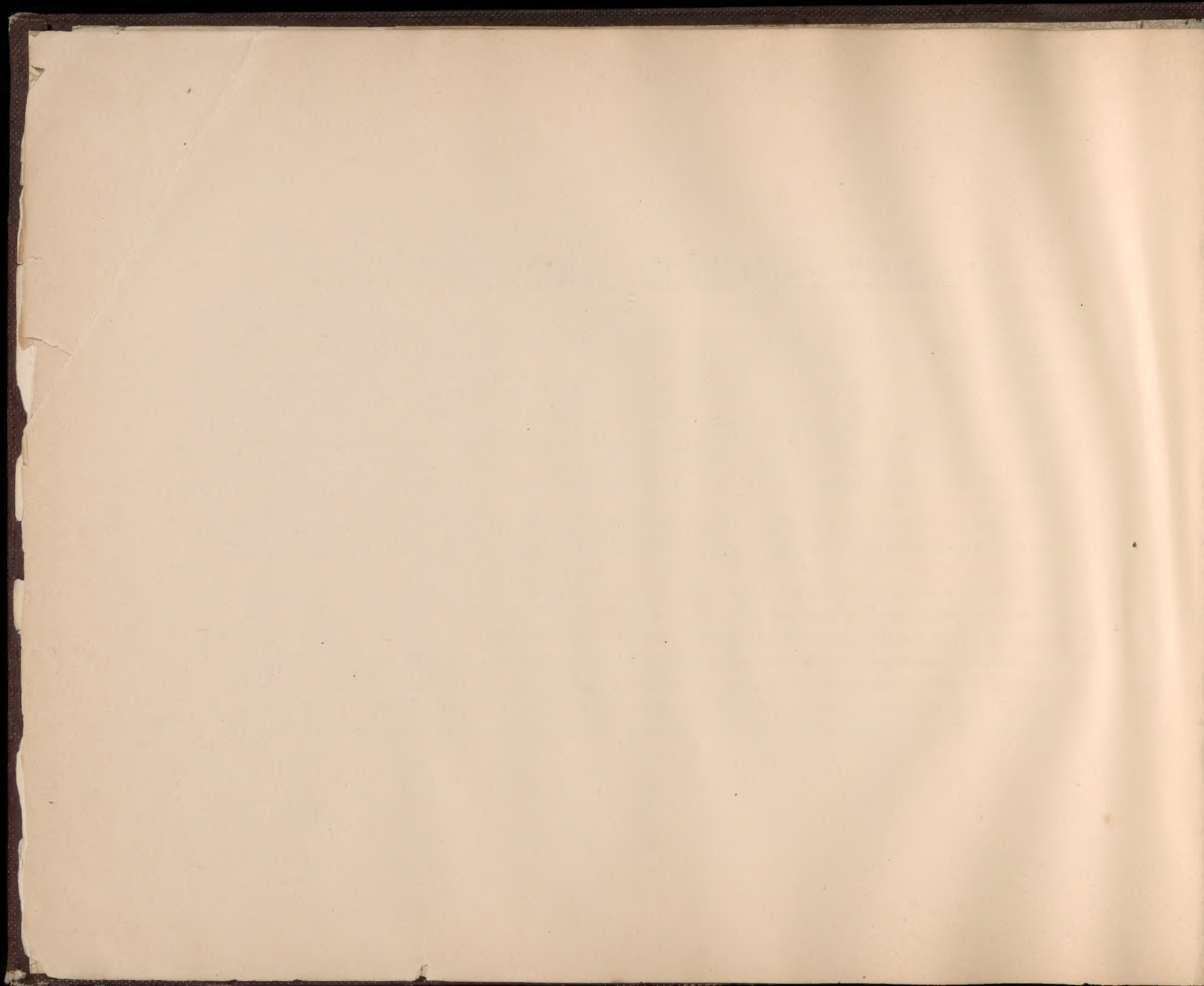
AS announced in our annual report for 1897, we have republished Exhibit No. 1 of the appendix of said report in pamphlet form.

In preparing this exhibit the aim was not to collect a few show pieces of architecture, but to present material which might be of use to Boards of Education in designing and estimating on plans for new school buildings. For this purpose there has been included in the exhibit school buildings costing from \$600 to \$190,000, together with architects' plans for the most typical buildings, and the cost and date of erection of each building. With these have also been incorporated some of the best plates in previous reports.

We are indebted to the *Engineering Record* of New York city for the interesting description and sketches of the ventilating system of the James Street School, of Auburn, and recommend its perusal to school boards.

It is a source of congratulation that in spite of the financial depression and straitened business conditions of the past three years there has been no decrease in the number and excellence of school buildings erected each year throughout the State. The demand for increased school facilities, due partly to the rapid growth of our population and partly to the strict enforcement of the Compulsory Attendance Law, has forced upon the attention of school authorities the necessity of providing their communities with school buildings, not only adequate in seating capacity, but equipped with the latest improvements in heating, lighting and ventilating. The public spirit and generosity with which this demand has been met betokens an earnest attention to school







affairs and a strong desire to encourage and foster school interests, highly creditable to our citizens. During the school year of 1895-6 alone, 31 frame, 14 stone and 405 brick buildings were erected, and the amount expended for building sites, furniture and repairs was \$5,827,000, a gain of 19 per cent. over the year 1894-5 and a gain of 40 per cent. over the year 1893-4.

There is no better object lesson for a child in neatness, order, self-respect and eventually in proper civic pride than attendance at a well-built and well-equipped school, surrounded by grounds spacious and well kept. The first impressions gained by a child are lasting, and whether he comes from a home where neatness and convenience reign, or from a home where the reverse conditions exist, he is sustained or inspired by the feeling that under the care of the State order governs.

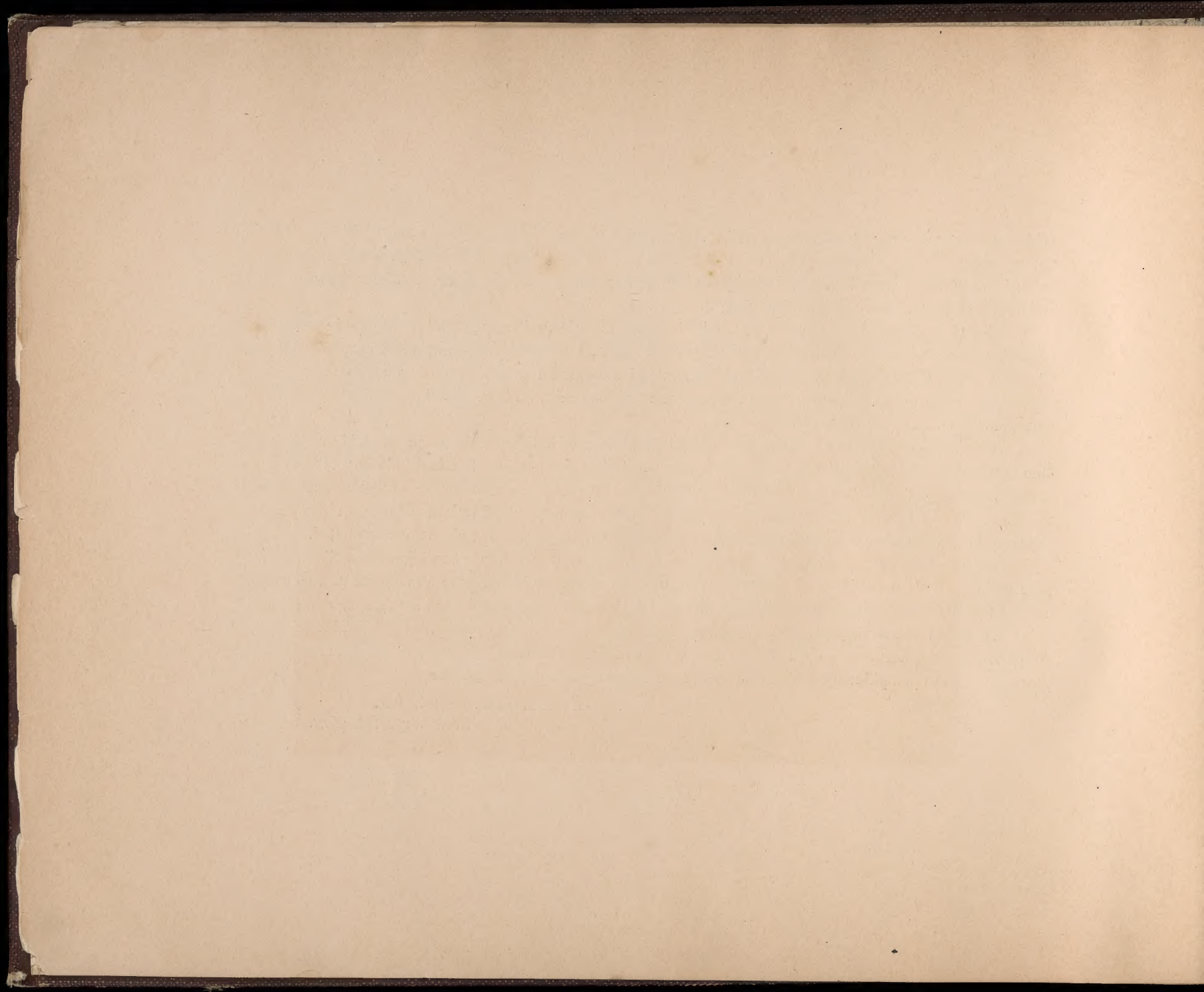
An adequate playground about every school is almost as indispensable as an assembly room within. One of the most beneficent provisions of later years concerning the erection of school buildings is chapter 338 of the Laws of 1895, which compacts in three short lines, "Hereafter no schoolhouse shall be constructed in the city of New York without an open-air playground attached to or used in connection with the same," a guaranty for the health and development of the children of that city which can not be overestimated.

The rapid advance in sanitary engineering and the improved methods in heating and ventilating now in practical use render it possible for boards of education to construct buildings at a moderate cost which shall contain the highest advantages for the preservation of the health of pupils as well as for their mental growth.

To school boards who have this problem to meet we believe this pamphlet will be a distinct help. It is designed as a supplementary publication to the "Designs for Schoolhouses" which met with such favor several years ago. Both pamphlets may be had free on application by Boards of Education.

CHARLES R. SKINNER,  
*State Superintendent.*









ALBANY—SCHOOL NO. 1. Erected 1889. Cost, \$30,000.









ALBANY—SCHOOL No. 3. Erected 1887. Cost, \$24,000.









ALBANY—SCHOOL NO. 4. Erected 1892. Cost, \$35,000.









ALBANY—SCHOOL NO. 10. Erected 1890. Cost, \$25,000.

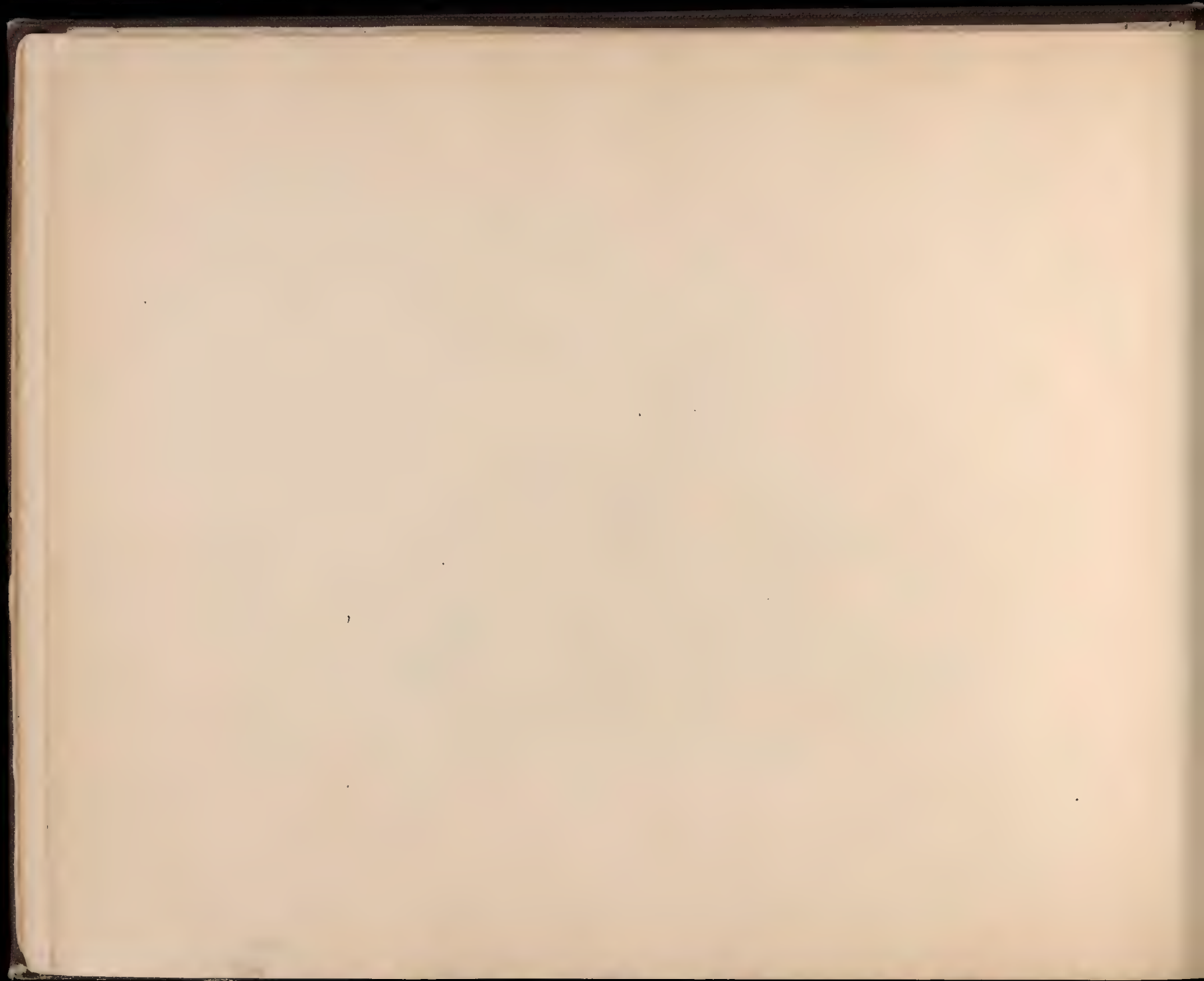






AMITYVILLE, SUFFOLK COUNTY—UNION FREE SCHOOL. Erected 1894. Cost, \$25,000.



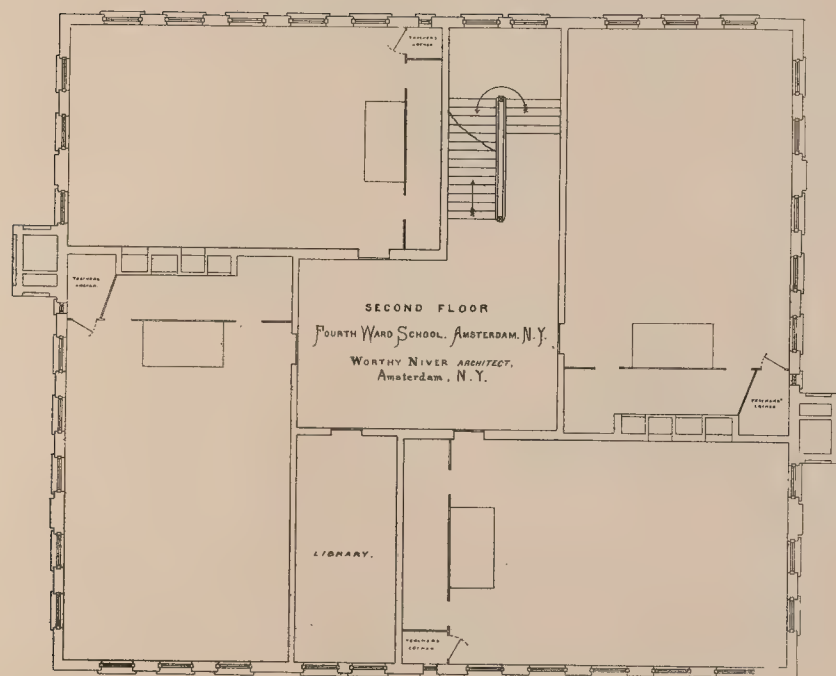




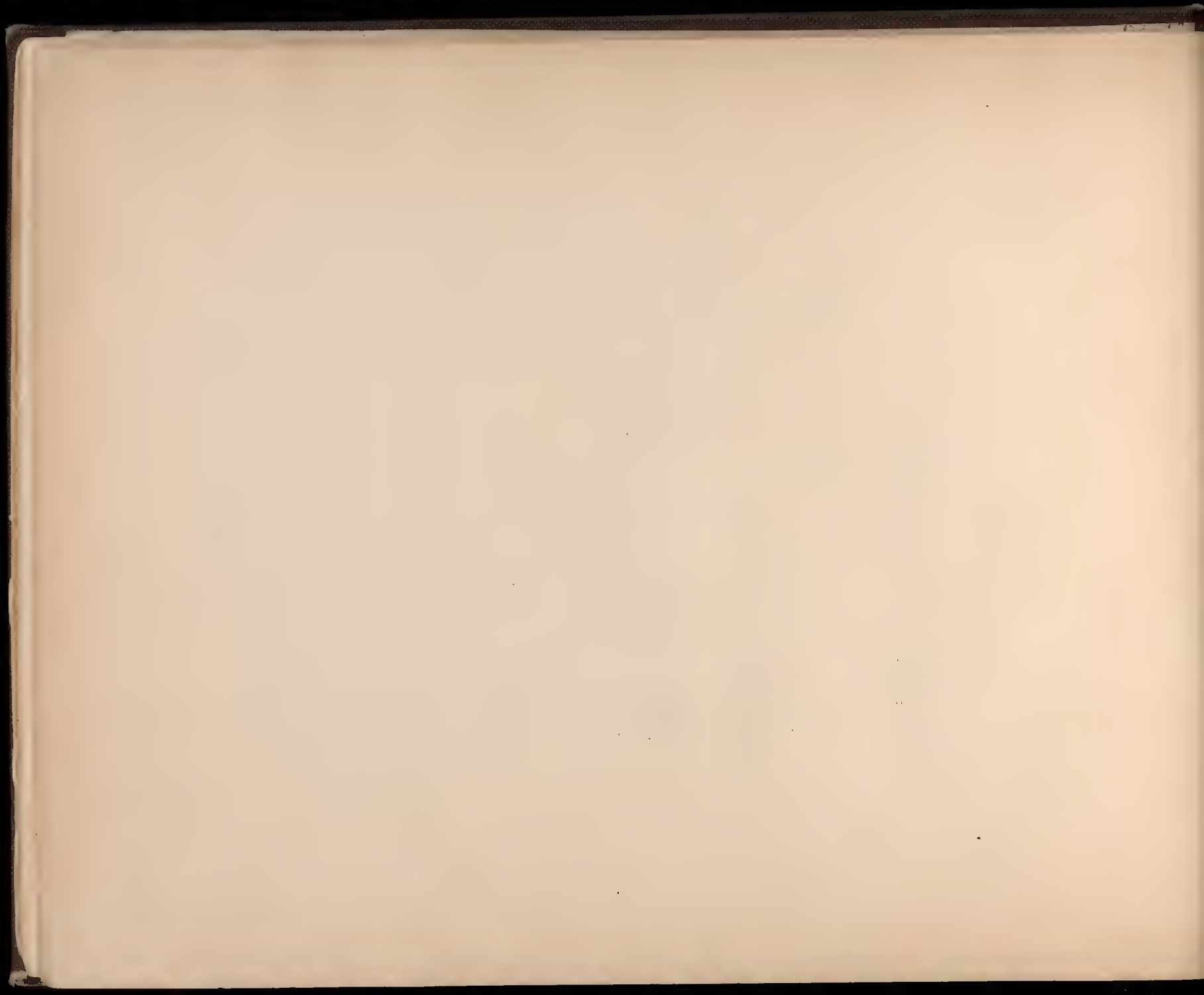
AMSTERDAM—FOURTH WARD SCHOOL. Erected 1894. Cost, \$14,127.

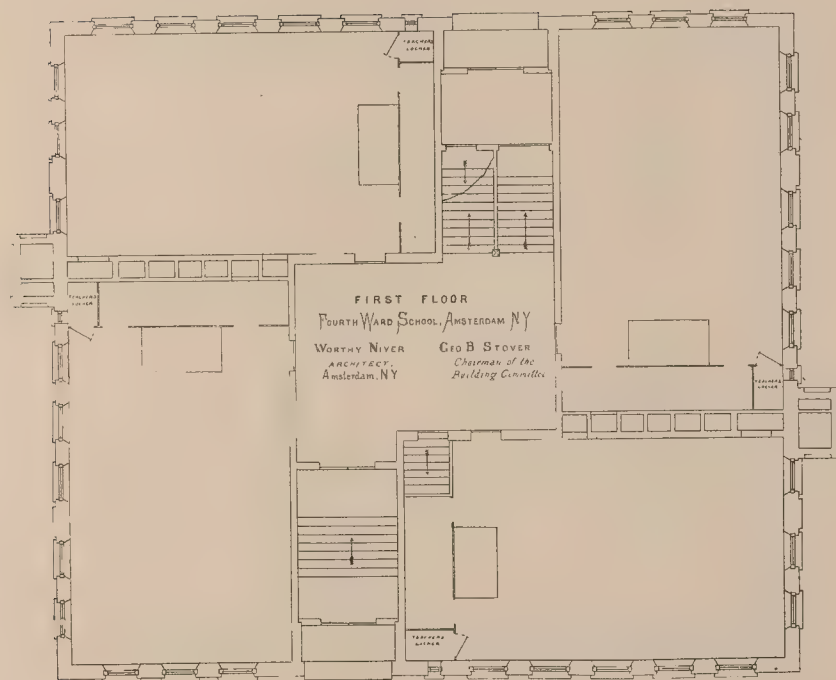






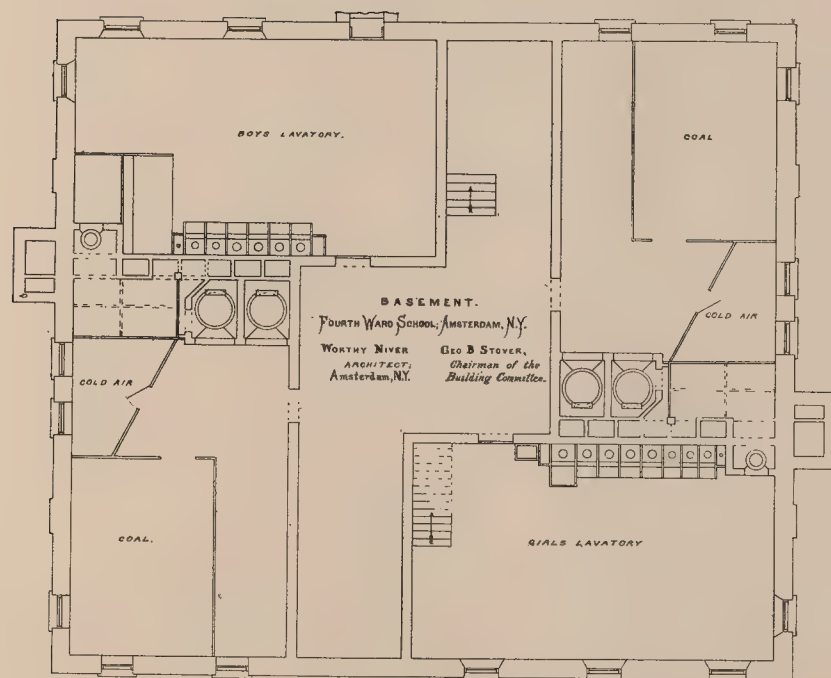






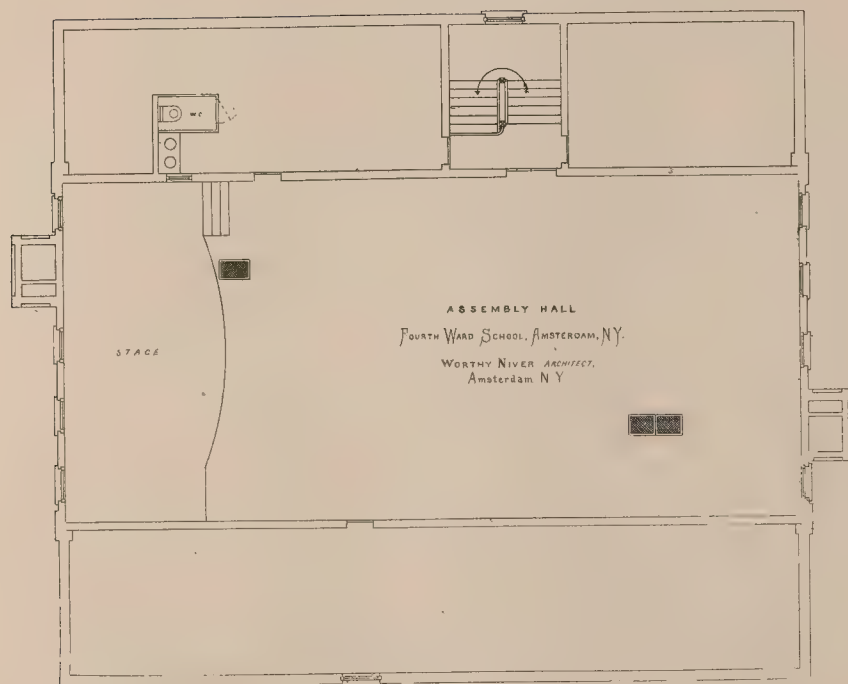
















## VENTILATION OF AN AUBURN, N. Y., SCHOOL.

[Reprinted by permission from "The Engineering Record." Designs from the same paper.]

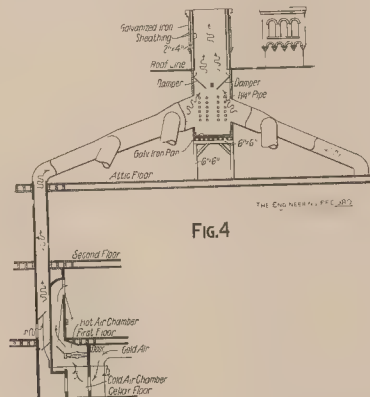
THE James Street school, in Auburn, N. Y., was constructed from plans made by Mr. J. A. Schweinfurth, architect, of Boston, Mass., and the plans and specifications for the heating apparatus were drawn up by Mr. Edward Joy, of Syracuse, N. Y., and the work afterward done by him. The school building is of unusual form, its location being at the intersection of two streets forming an oblique angle. The school is a 14-room building and contains about 112,000 cubic feet of air space in the rooms and 65,000 feet in the halls and cloakrooms. The average size of each classroom is 24 x 35 feet, with a 12-foot ceiling, and a seating capacity of 50 pupils to each room. Figs. 1, 2 and 3 show the first, second and third floors respectively. All classrooms are heated by indirect radiation only, while the halls and cloakrooms are heated by direct radiation.

Heat is supplied by steam from an 80-horse-power return tubular boiler, furnished by W. C. Conklin, of Auburn. The boiler is fitted with Woodcock's patent shaking grates and such automatic devices as are necessary for the complete controlling of the steam pressure. The steam is supplied to the radiators in the manner shown by Fig. 1, the basement plan. The stacks are so connected by a system of valves that one-fourth, one-half and three-fourths or all of the radiation can be turned on or off to meet the requirements of the weather. The air is led to the stacks by flues running from near-by window openings, the flues containing screens on the outer end. The stacks are encased on all sides with brick walls four inches thick laid in cement mortar and extending from the basement floor to the ceiling. The top is sheathed with matched lumber and then lined





with abestos paper and IX bright tin. The stacks are so encased that the fresh air entering the bottom of the casing finds an exit only through and between the radiators, thus being brought in immediate contact with and impinging upon the heated surface of the stacks. Ample space is allowed above radiators and inside the casing for the air to mingle after passing over the radiators before escaping into the hot-air flues. Brick ducts deliver the air to a register about six feet above the floor. In determining the area of the warm-air flues a velocity of



five feet per second was agreed upon. Each of the rooms is provided with a 24 x 30-inch vent guard located close to the floor, and from each a flue leads to the attic space to one of two systems of horizontal ducts, each of which is connected to a main ventilating shaft leading out through the roof. The ducts are shown by dotted lines on Fig. 3. Each main vent shaft contains a steam coil made up of 125 feet of  $1\frac{1}{4}$ -inch pipe. Underneath the coils a galvanized iron tray with drip is placed to receive snow or rain that might enter the shaft. There



is also placed in the main vent shafts a turn damper operated from the cellar, to be closed when school is not in session and thus retain the heat in the building.

There is placed in the cold-air stack for each room a mixing valve, as shown by Fig. 4, operated with a cord and tassels by the teacher, so that cold air may be thrown either under or over the stack, thus securing any required temperature of air without in any way diminishing the quantity of the supply. Each of the vent flues contains a switch damper so that the air can rise up and through the ventilating flues to the open air, or down through the cold-air box in the basement and re-entering the underside of the stacks on the same general principle as that of the cold-air supply, and thus maintain an internal circulation; the object in this being to keep the flues thoroughly warm over night, so that they are ready to respond at a moment's notice when the dampers are opened for school hours and give a quick and rapid circulation from the start. Each of the heating and ventilating flues in the rooms has wire guards, the full size of the flue, independent of the fretwork of the guard. These guards have a  $1\frac{1}{4}$ -inch mesh.

A Cottage heater, furnished by the H. B. Smith Company, Westfield, Mass., is placed in the basement, to be used when the main boiler is out of service. The boiler supplies heat to each of the main ventilating shafts in the attic and the two ventilating flues leading from the lavatories at the extreme ends of the building. The lavatory shafts contain about 30 feet of  $1\frac{1}{4}$ -inch pipe.

The total radiation of the building, independent of the coils and heating flues, is 4,700 square feet Gold's pin indirect radiation, and 700 square feet of direct radiation, making a total of 5,400 square feet of radiation, exclusive of the mains and returns. One square foot of indirect radiation was installed for every 24 feet of space in the room.

The guarantee was made that the steam would circulate through all radiators under one pound steam pressure at the boilers; that the plant should be noiseless in operation at all pressures; that the rooms





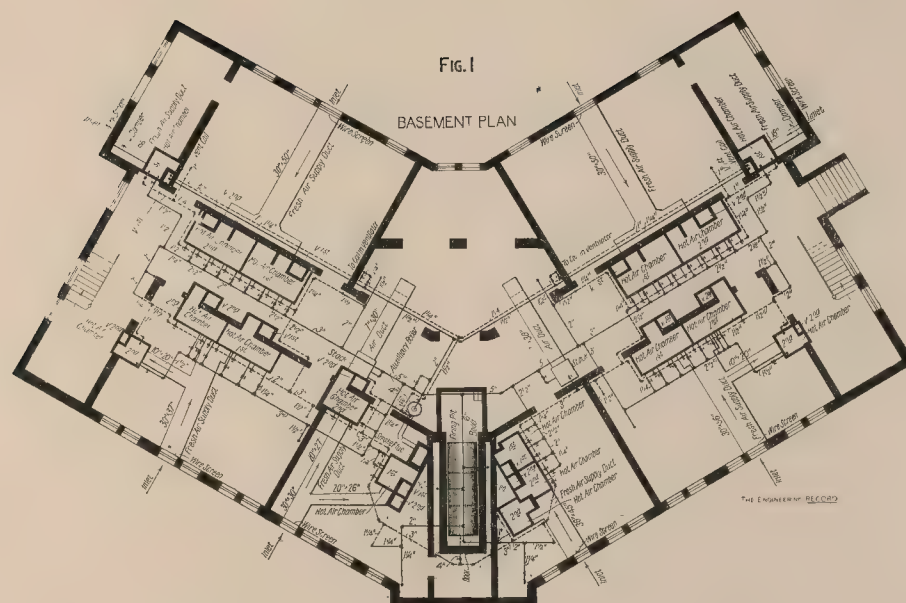
should be heated to 70 degrees and the halls be 65 degrees in the coldest weather; that the inflow of air should be 30 cubic feet of air per minute for each pupil, and that it be measured by an anemometer, and that a gunpowder test be applied to see that the air be diffused equally to all parts of the room without showing any perceptible difference of smoke line.

Mr. Joy informs us that the gunpowder test was applied and the entire interior enveloped in black smoke in a most uniform manner, and that in seven minutes from the time of ignition the smoke was completely exhausted from the room and the air was as clear as before the test. Mr. Joy further stated that the apparatus is showing itself to be ample from every standpoint, and had given excellent satisfaction with three-fourths of the radiation on when the mercury was seven degrees below zero outside.









VENTILATION OF AN AUBURN, N. Y., SCHOOL.  
MR. J. A. SCHWEINFURTH, BOSTON, ARCHITECT. MR. EDWARD JOY, SYRACUSE, N. Y., ENGINEER AND CONTRACTOR.



FIG. 2

FIRST STORY PLAN

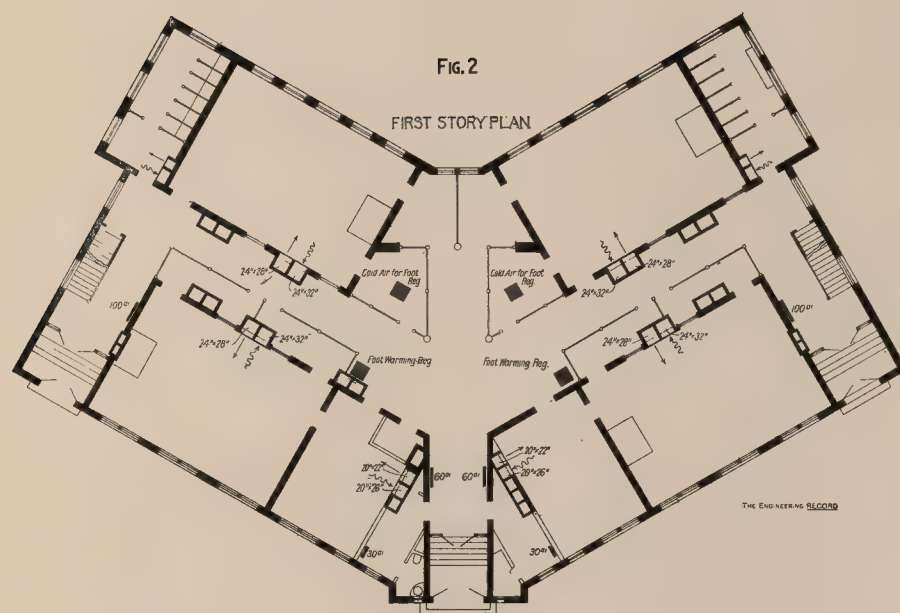
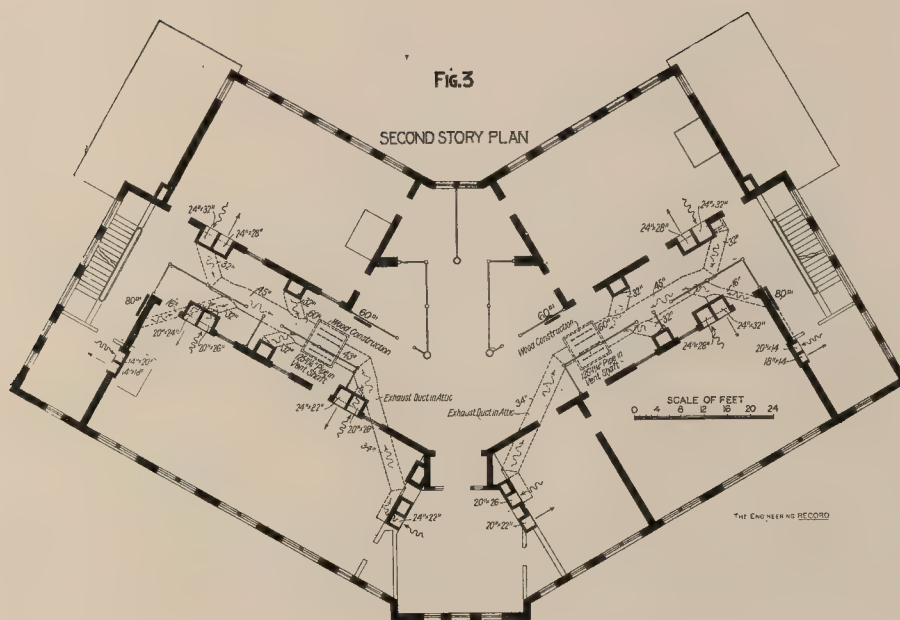






FIG.3

### SECOND STORY PLAN



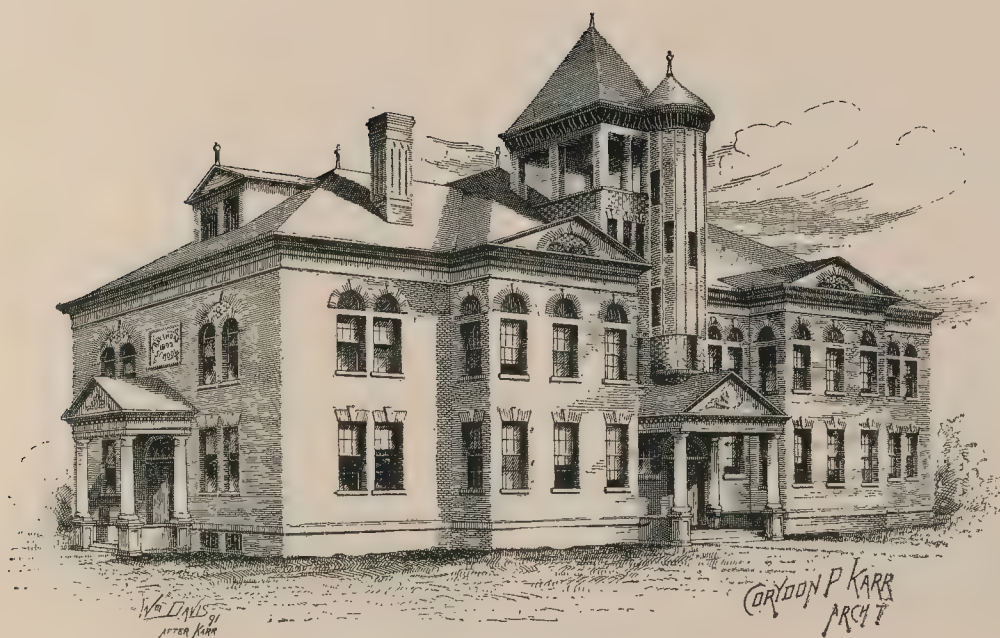






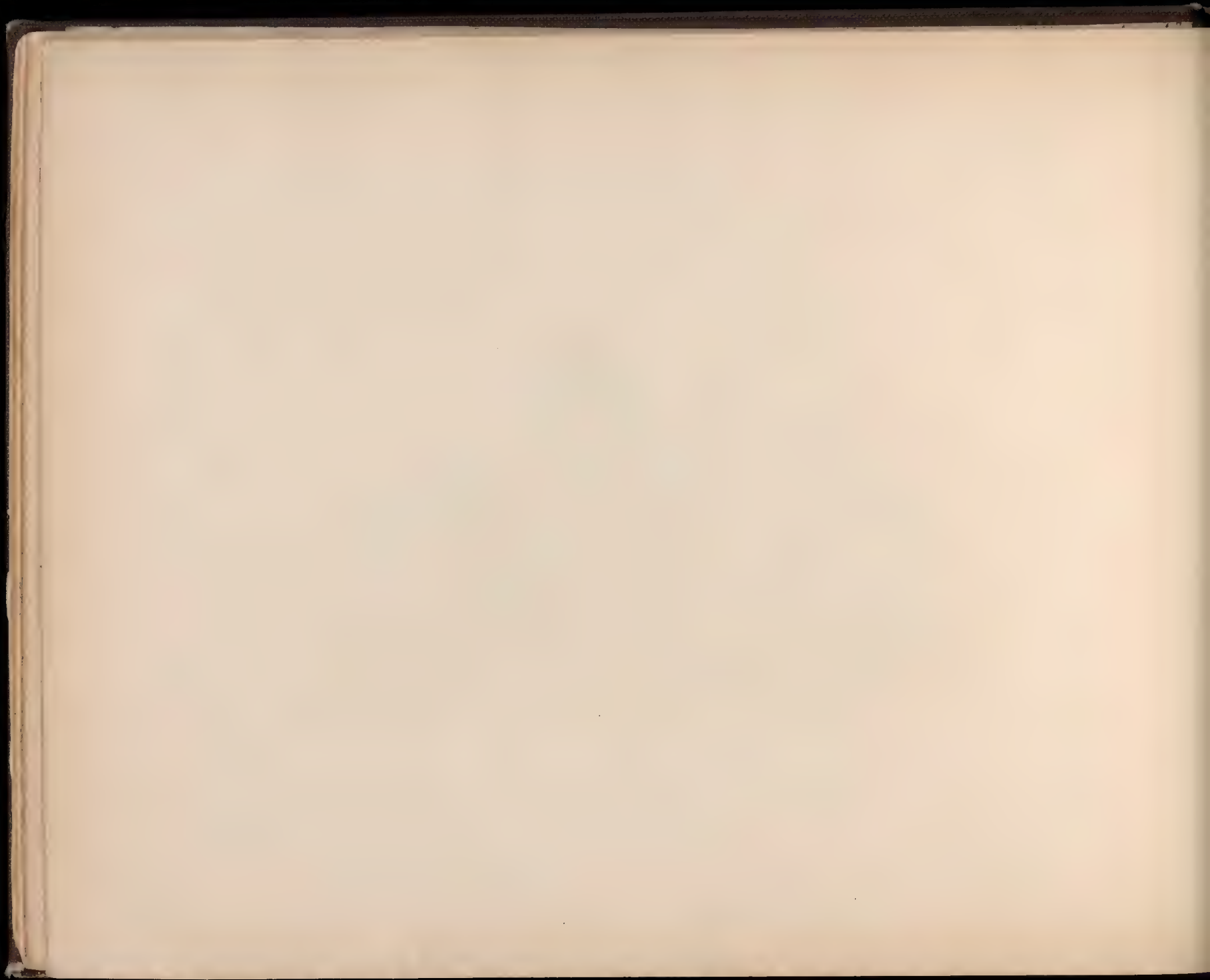
AUBURN—JAMES ST. SCHOOL Erected 1896. Cost, \$37,000.





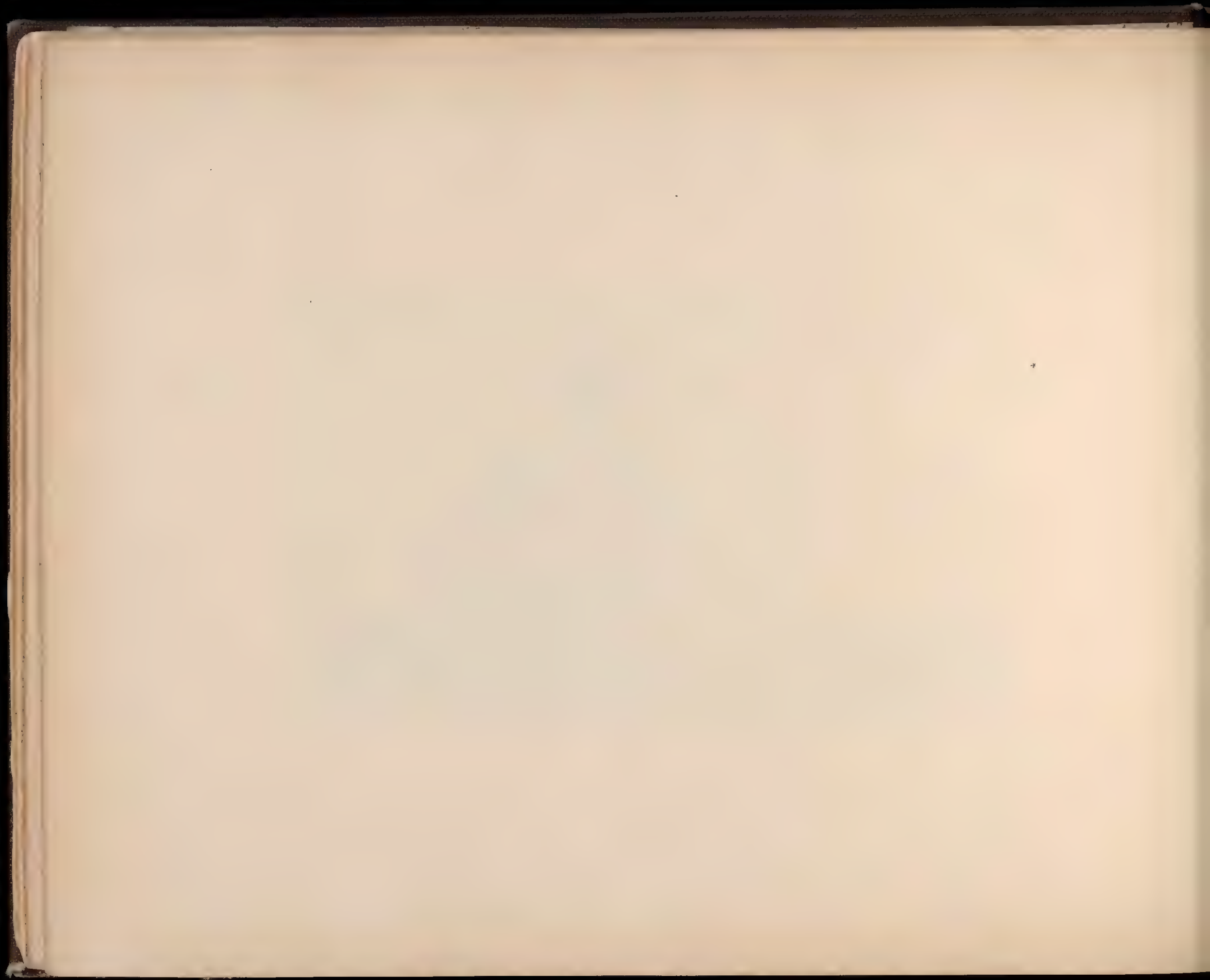
BAY SHORE UNION FREE SCHOOL. Erected 1894. Cost, \$30,000.



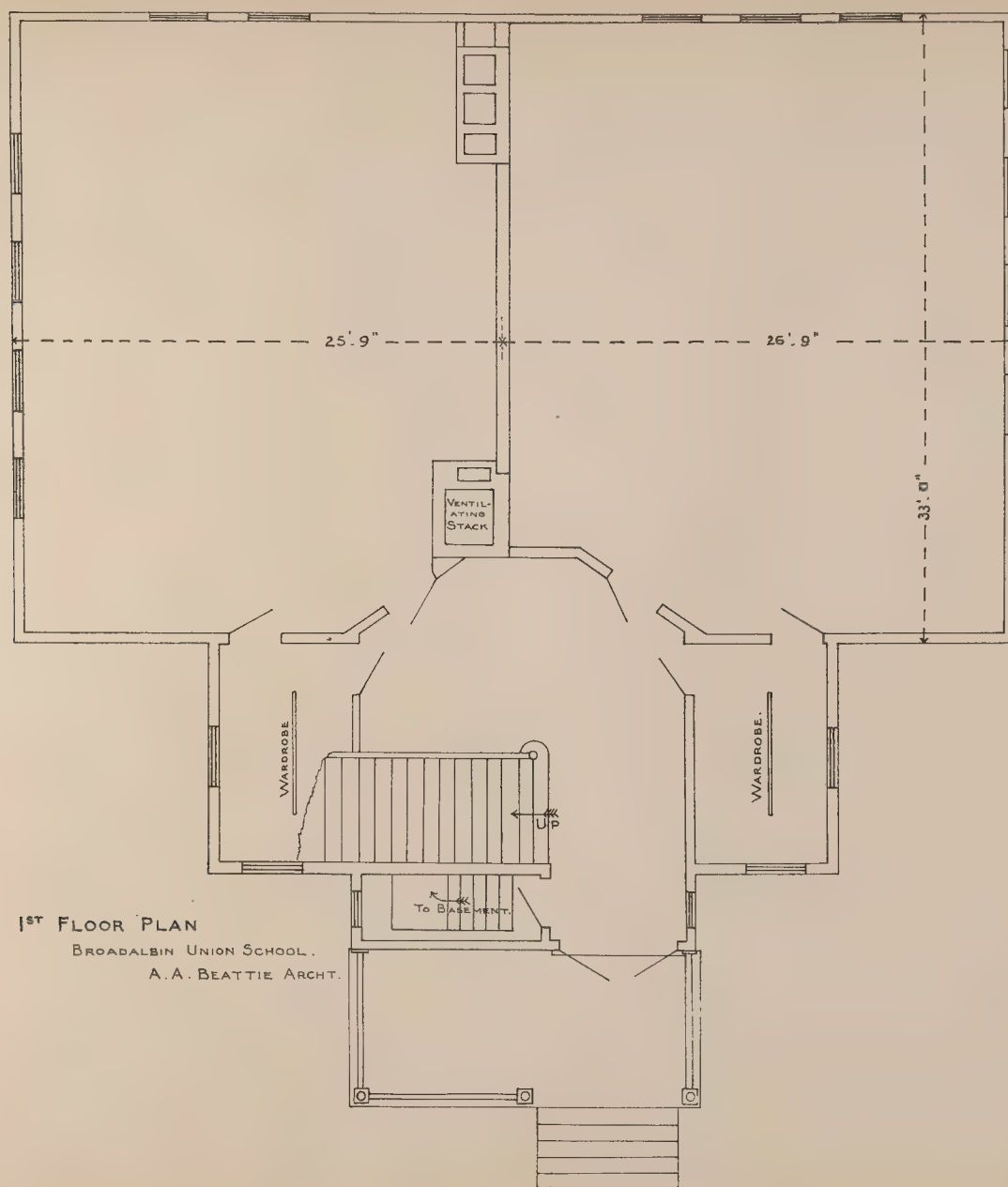




BROADALBIN UNION SCHOOL, DISTRICT NO. 8. Erected 1895. Cost, \$4,500.



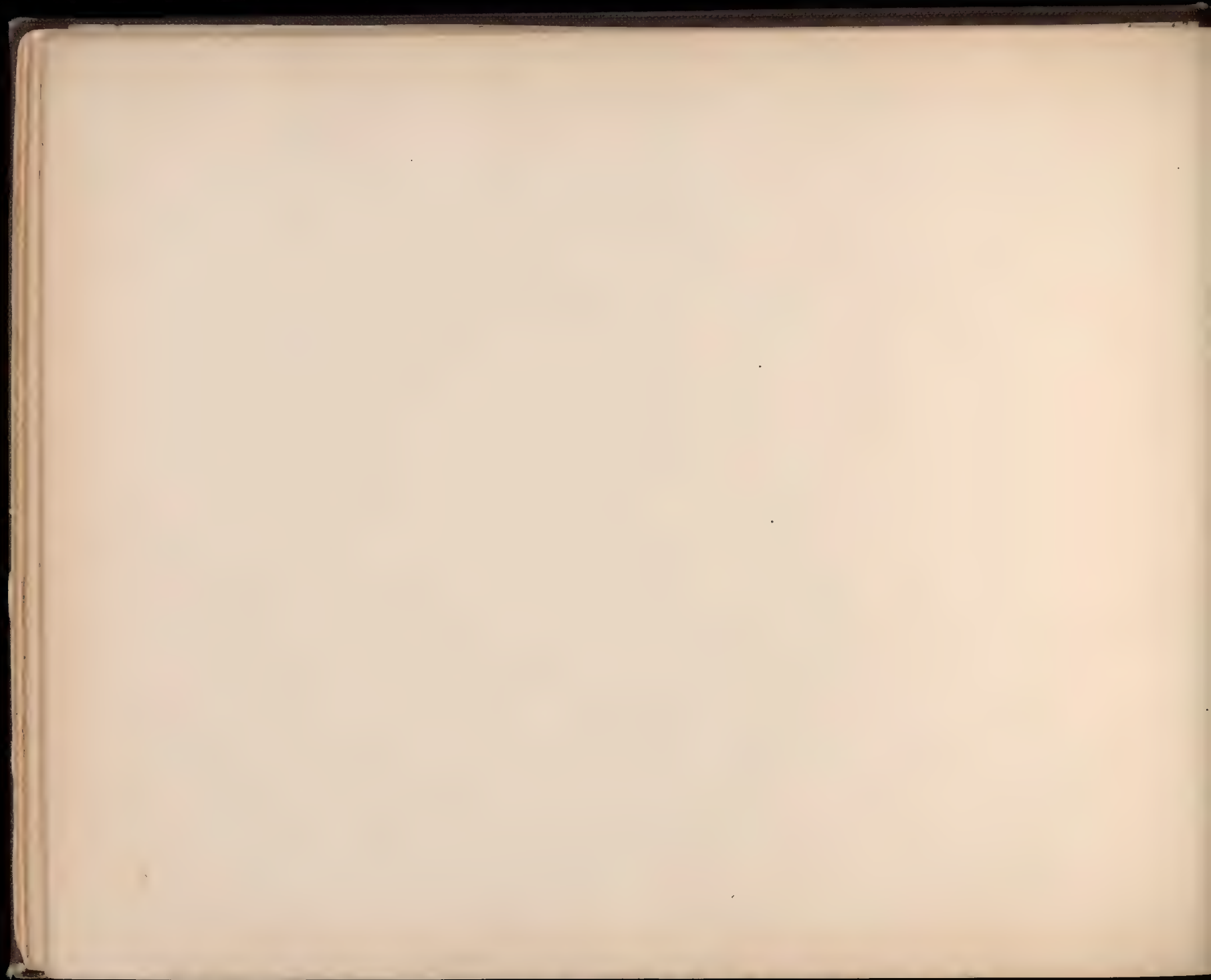


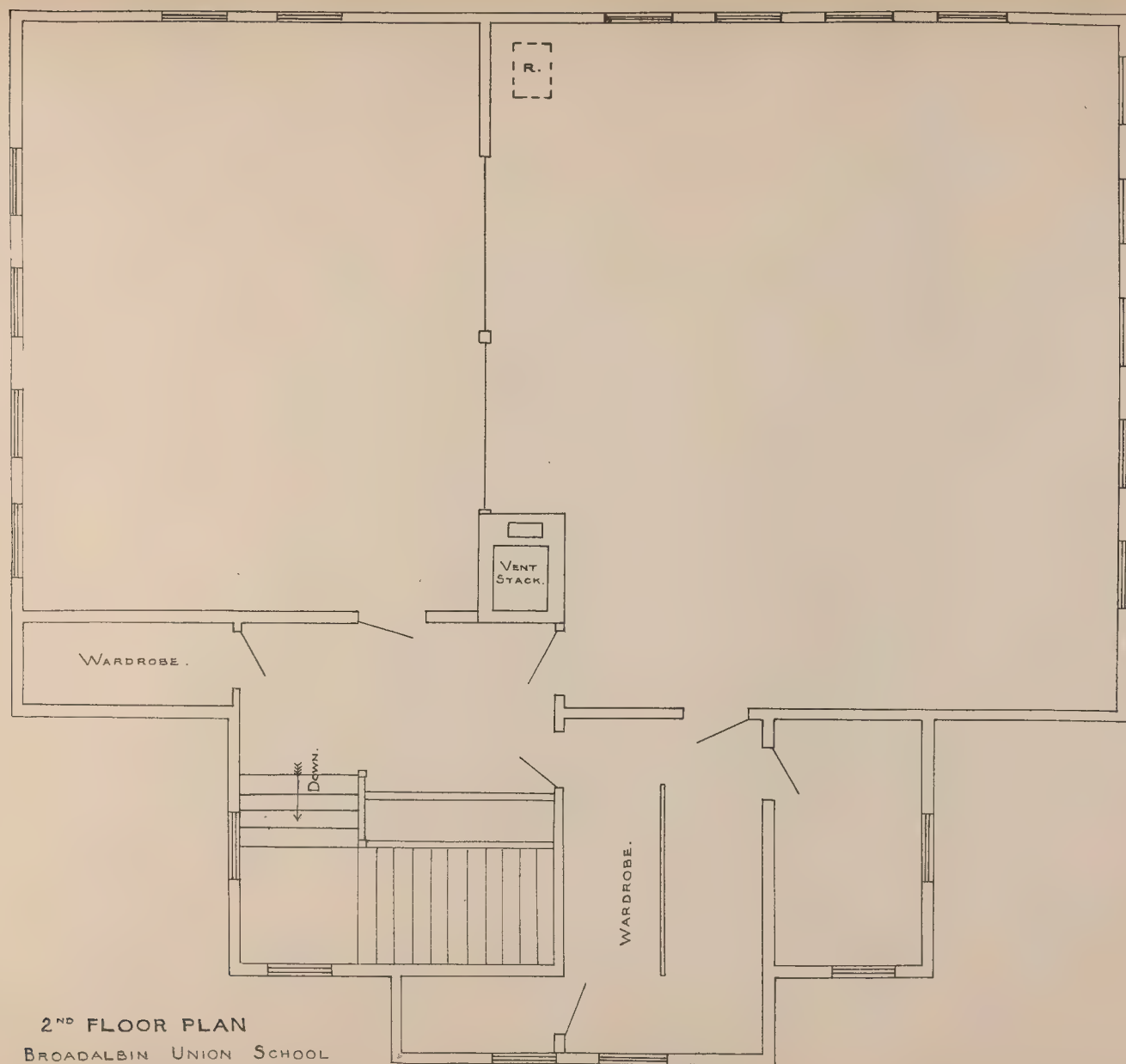


# 1<sup>ST</sup> FLOOR PLAN

BROADALBIN UNION SCHOOL.

A.A. BEATTIE ARCHT.





2<sup>ND</sup> FLOOR PLAN  
BROADALBIN UNION SCHOOL  
A A BEATTIE, ARCHT







BUFFALO—MASTEN PARK HIGH SCHOOL. Erected 1897. Cost, \$193,000.





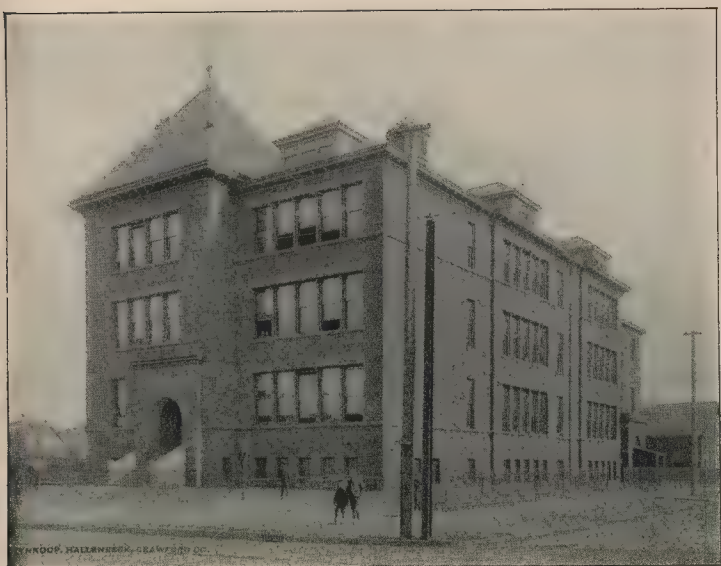
BUFFALO—SCHOOL No. 23. Erected 1896. Cost, \$52,000.



BUFFALO—SCHOOL No. 27. Erected 1896. Cost, \$49,000.





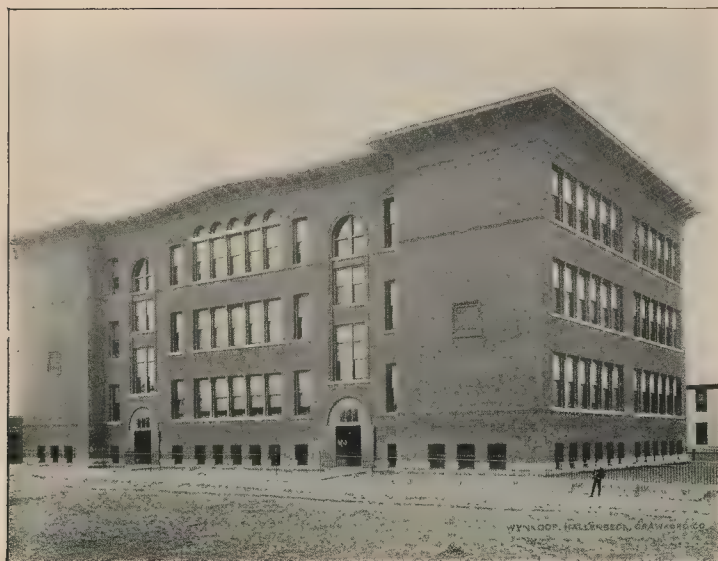


BUFFALO—SCHOOL No. 44. Erected 1895. Cost, \$51,000.



BUFFALO—SCHOOL No. 50. Erected 1895. Cost, \$50,000.





BUFFALO—SCHOOL NO. 51. Erected 1895. Cost, \$40,000.



BUFFALO—SCHOOL NO. 52. Erected 1895. Cost, \$39,000.







BUFFALO—SCHOOL No. 53. Erected 1895. Cost, \$40,000.



BUFFALO—SCHOOL No. 54. Erected 1895. Cost, \$41,000.





BUFFALO—SCHOOL No. 55. Erected 1895. Cost, \$42,000.



BUFFALO—SCHOOL No. 56. Erected 1896. Cost, \$46,000.







CALDWELL—HILLVIEW SCHOOL (DISTRICT NO. 6). Erected 1890. Cost, \$300.

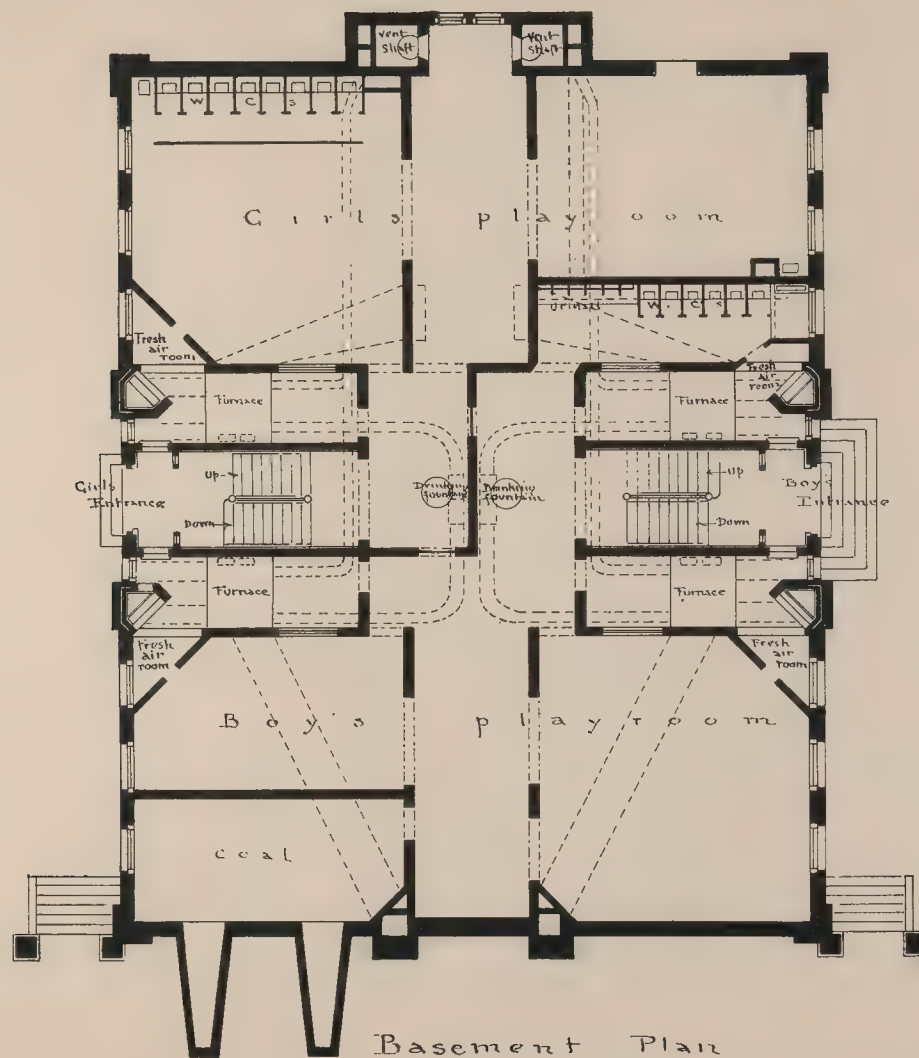




CASTLETON, S. I.—DISTRICT NO. 1. (TOMPKINSVILLE.) Erected 1896. Cost, \$33,500.







Basement Plan  
Castleton

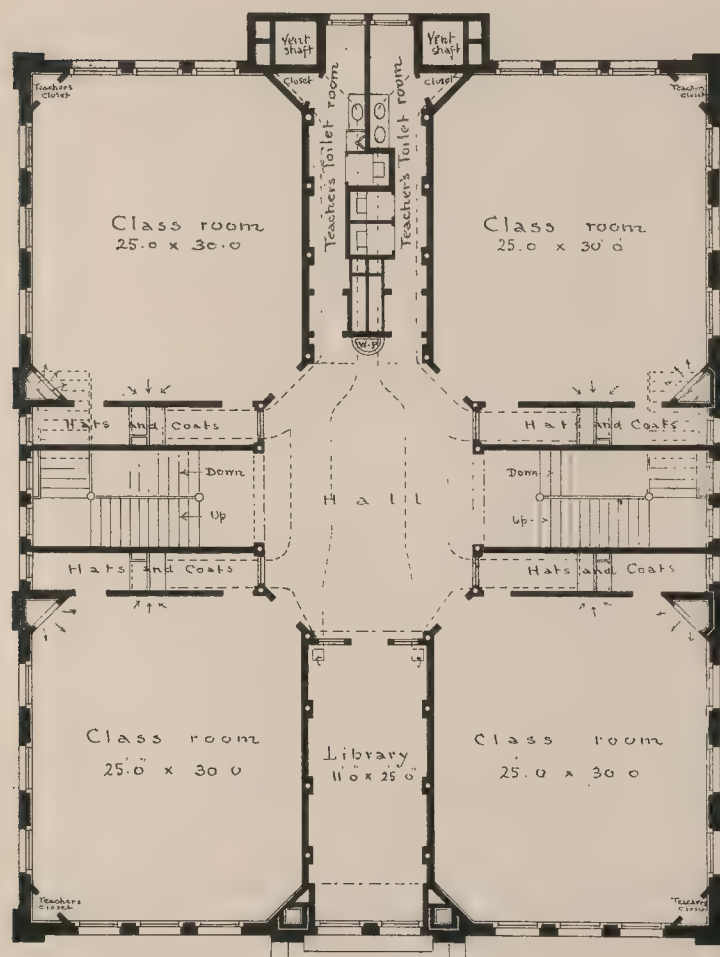




First Floor Plan  
Castleton

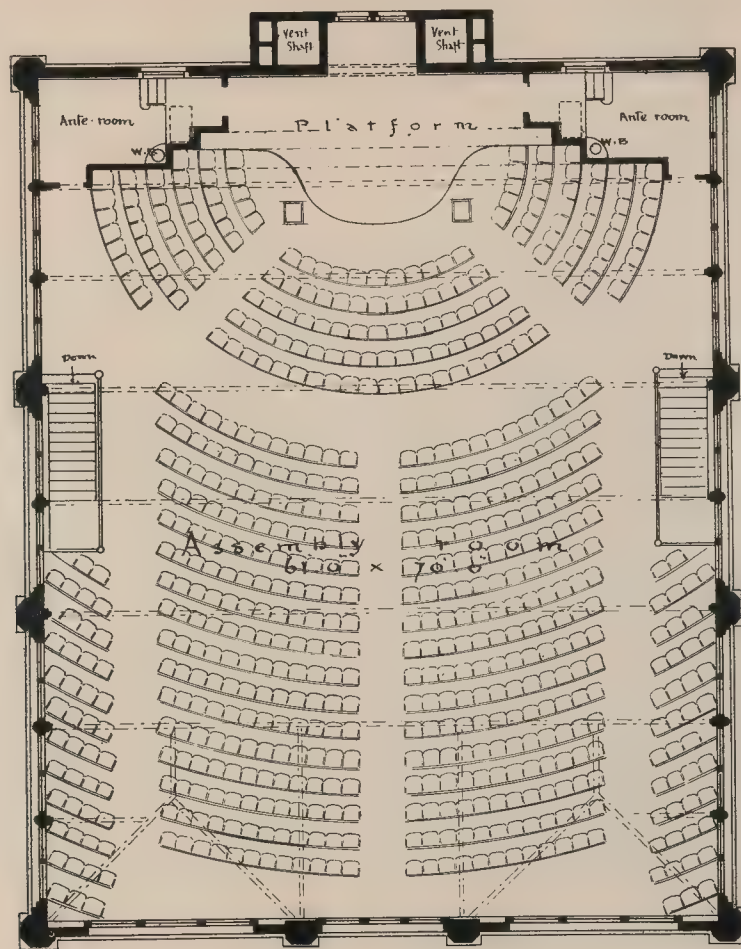






Second Floor Plan  
Castleton





Third Floor Plan

Castleton

E. A. Sargent  
 Architect  
 18. Broadway  
 New York.







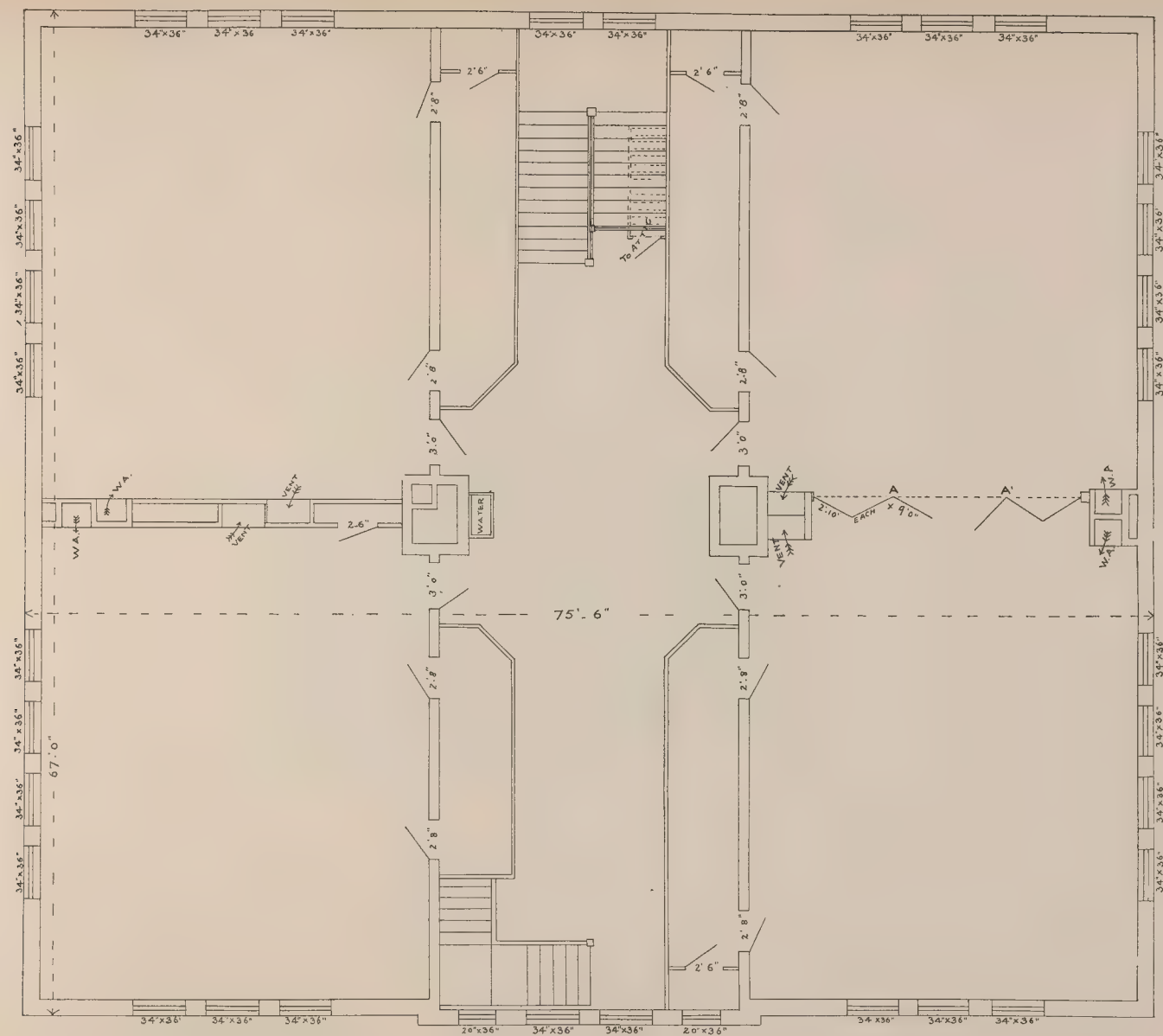
CATSKILL—GRAMMAR SCHOOL NO. 2. Erected 1896. Cost, \$18,000.



CATSKILL SCHOOL, No. 2.  
SCALE,  $\frac{1}{4}$  IN. = 1 FOOT.  
A. A. BEATTIE, ARCH'T.







SECOND STORY PLAN.

CATSKILL SCHOOL, NO. 2.

SCALE,  $\frac{1}{4}$ " = 1 FT

A.A. BEATTIE, ARCHT.





CHURCHVILLE UNION SCHOOL. Erected 1895. Cost, \$12,000.







H.L. LARZELERE, ARCH'T.  
208 & 209 COX BLDG  
ROCHESTER.

FRONT ELEVATION  
SCALE  $\frac{1}{4}" = 1'-0"$

CHURCHVILLE UNION SCHOOL





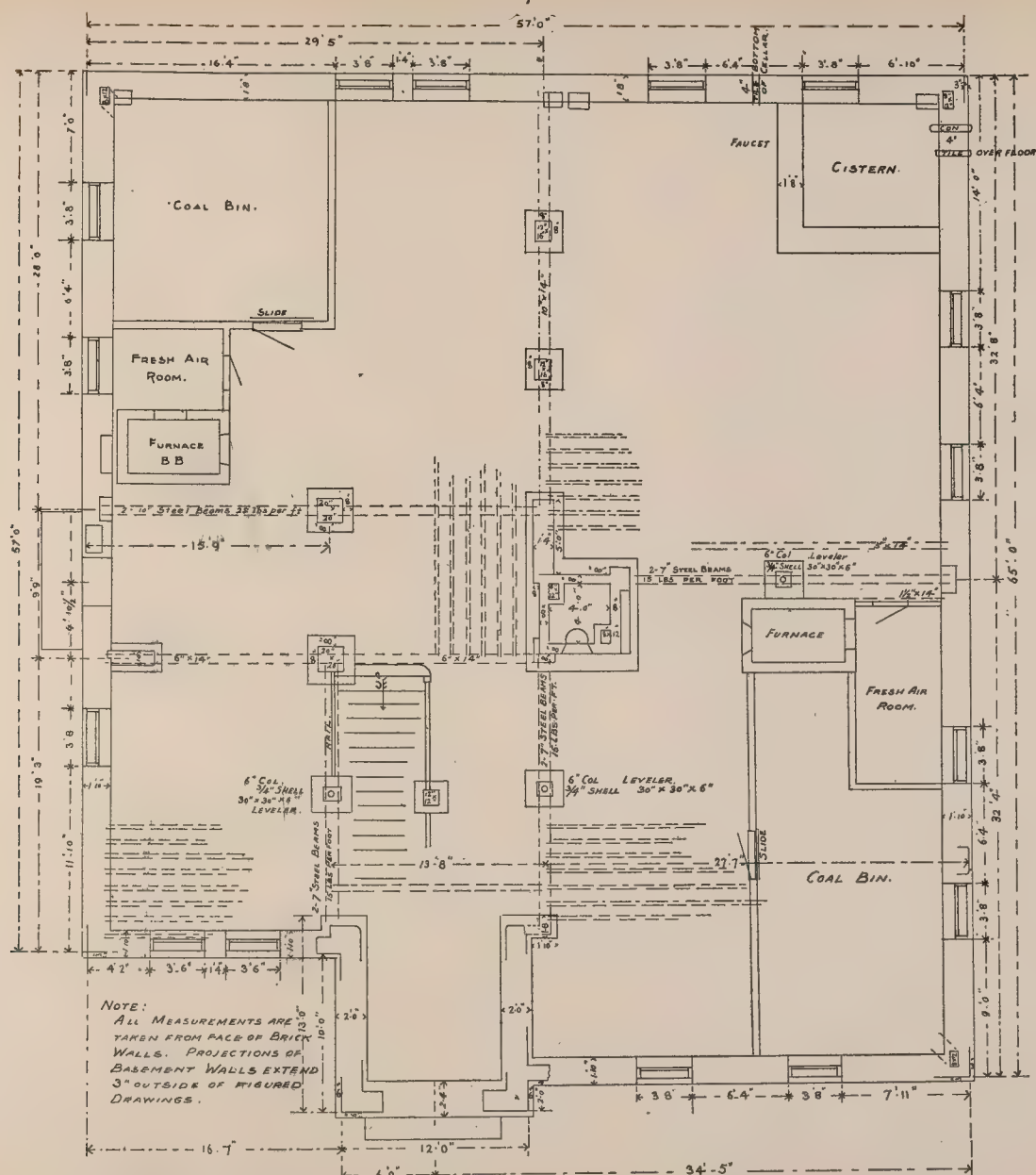
H. L. LARZELERE, ARCHT.  
208 & 209 COX BUILDING  
ROCHESTER

SIDE ELEVATION.  
SCALE 1/4" = 1'-0"

CHURCHVILLE UNION SCHOOL



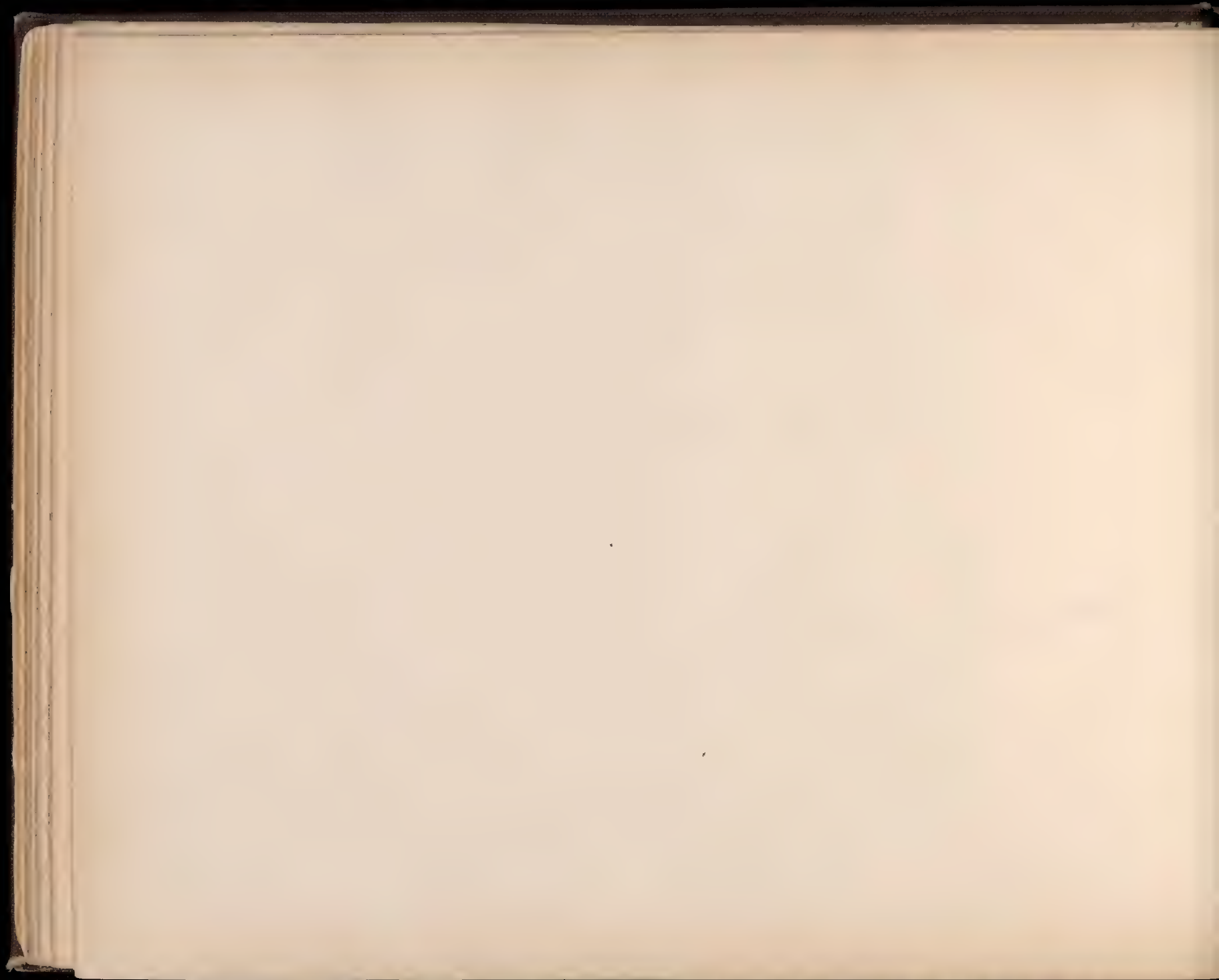


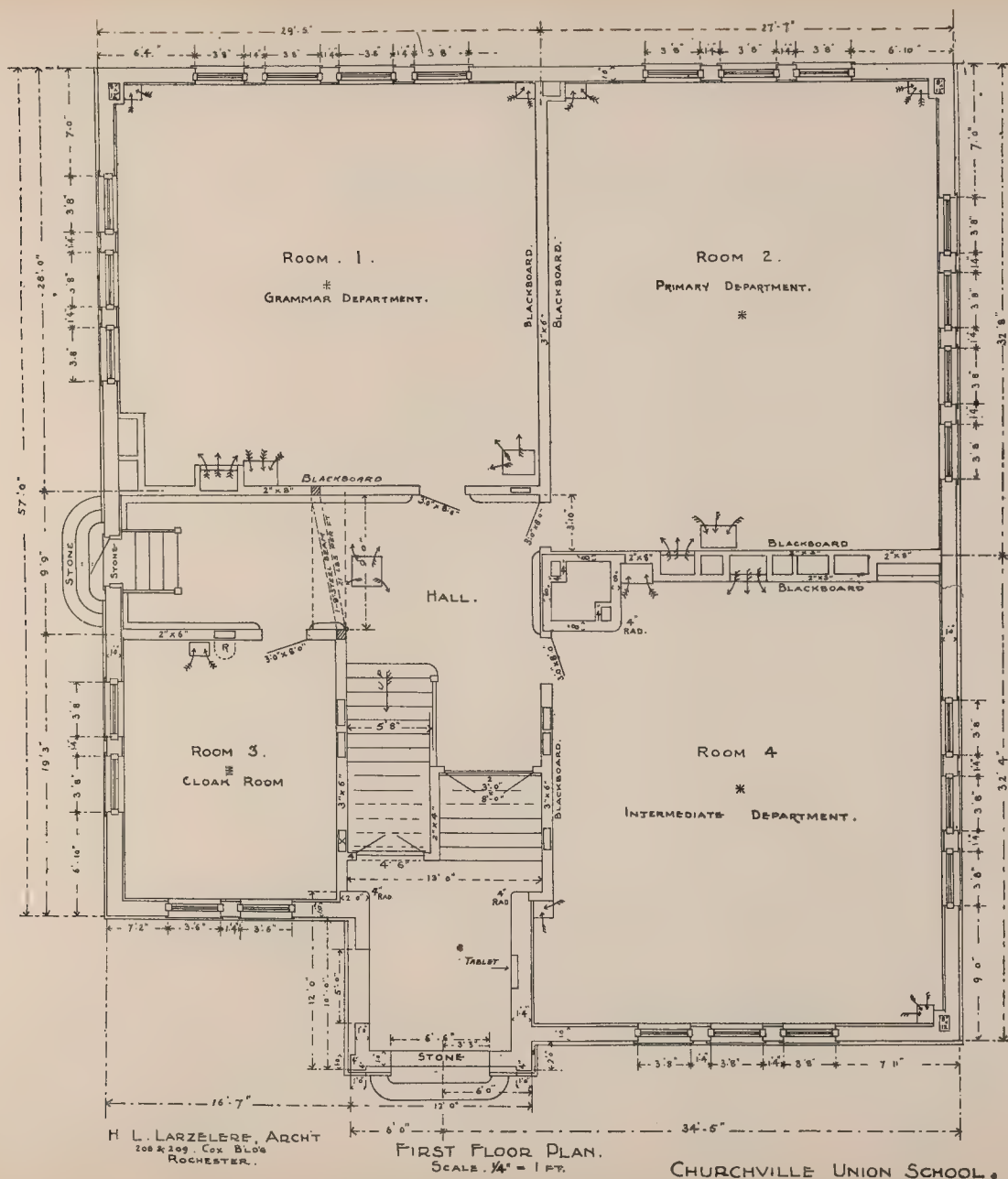


H. L. LARZELERE, ARCH'T.  
208 & 209, Cox Bldg  
ROCHESTER.

BASEMENT PLAN.  
SCALE  $\frac{1}{4}" = 1'0"$

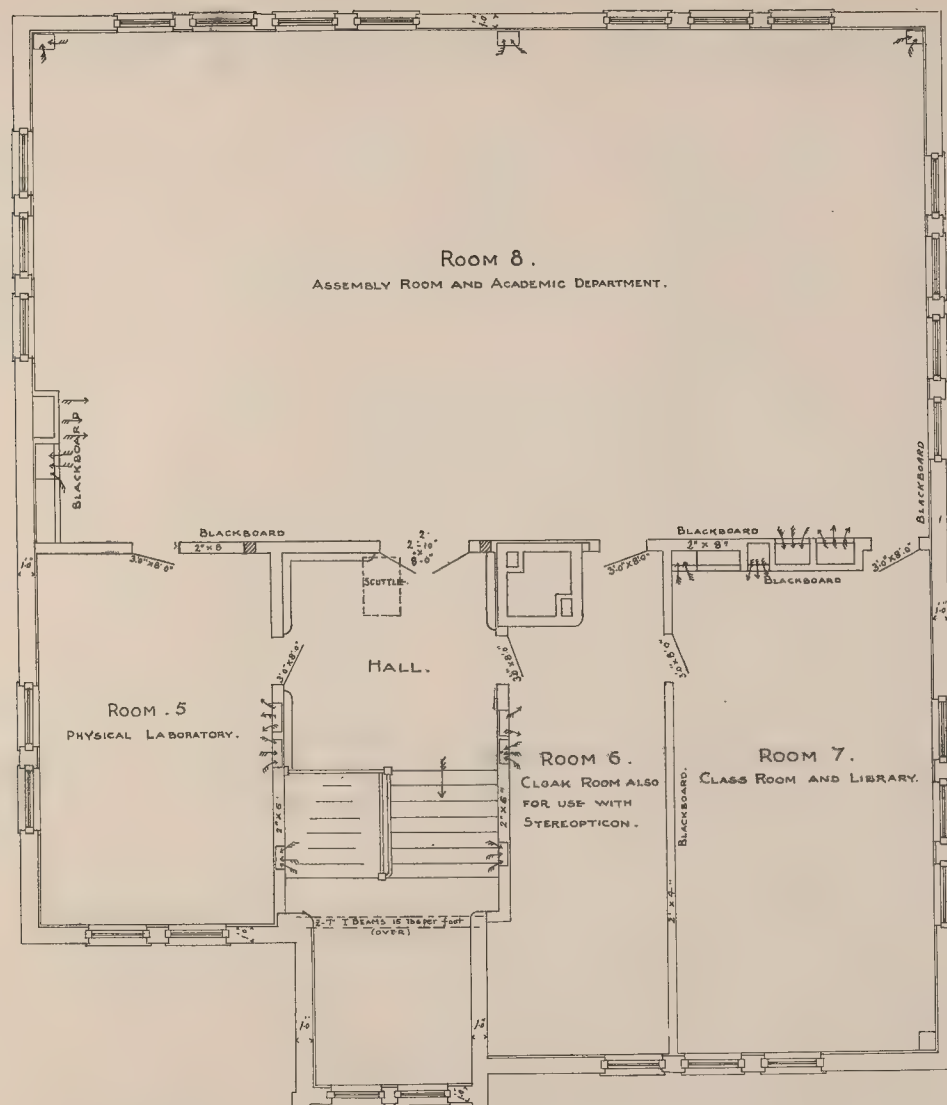
CHURCHVILLE UNION SCHOOL.









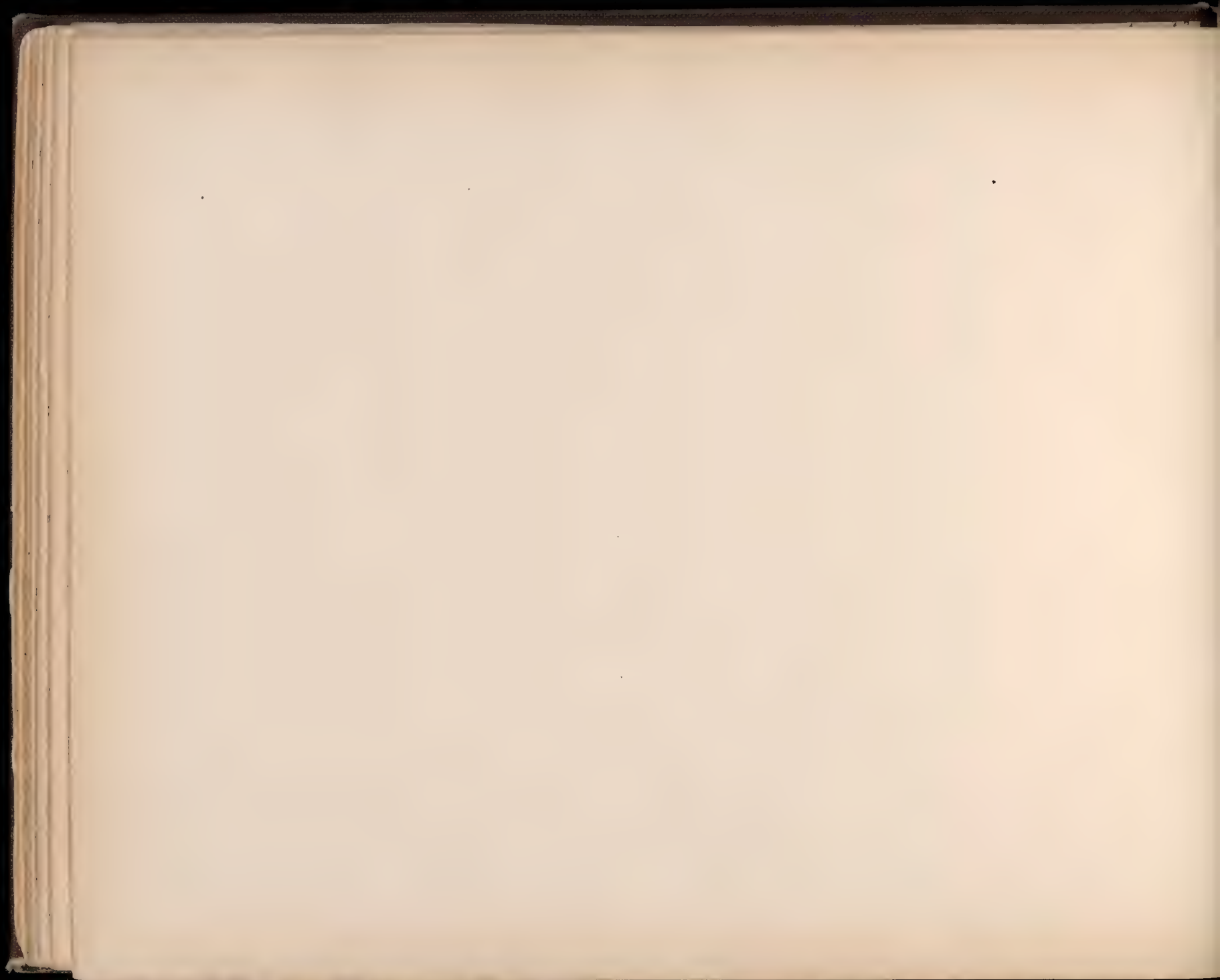


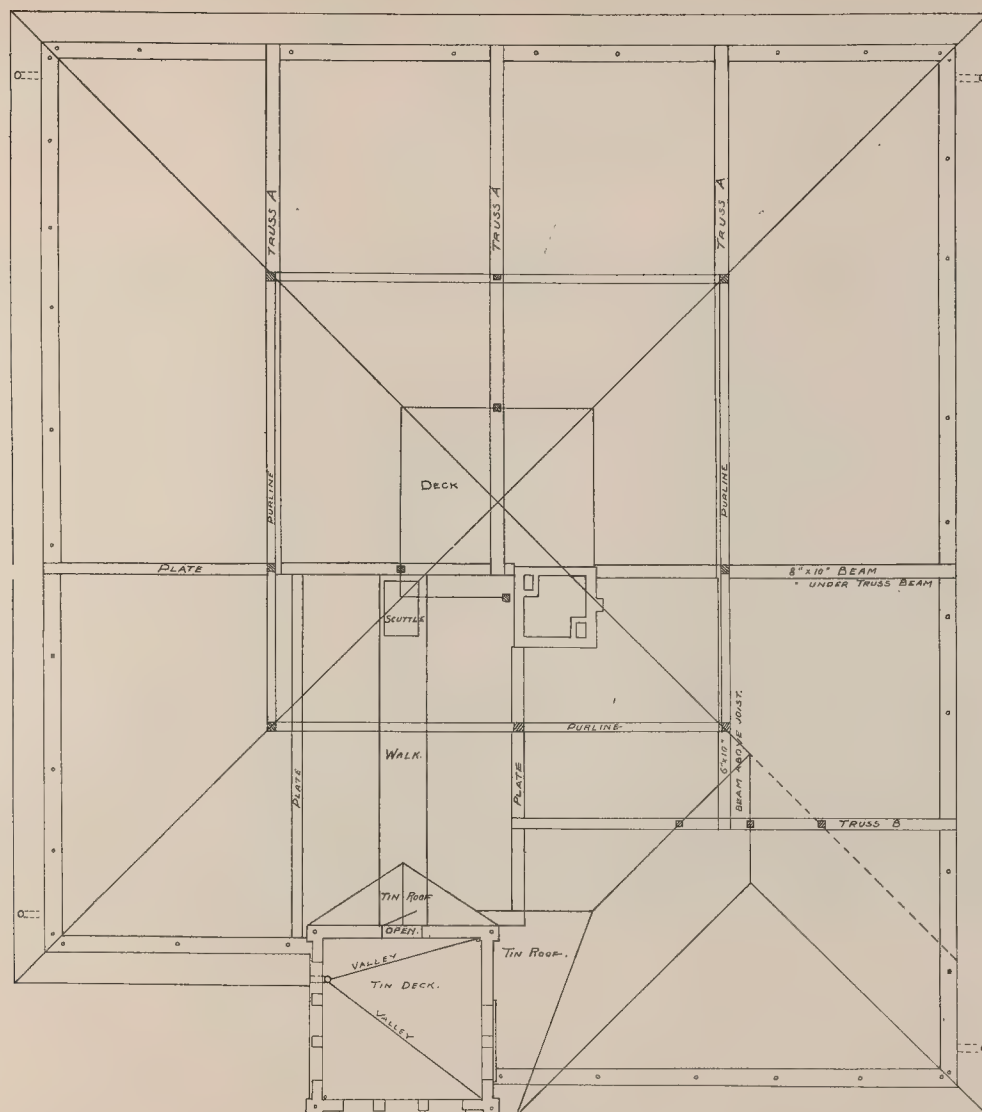
SECOND FLOOR PLAN.

SCALE,  $\frac{1}{4}" = 1'0"$ .

H. L. LARZELERE, ARCH'T  
208 & 209 Cox Bldg  
ROCHESTER.

CHURCHVILLE UNION SCHOOL.

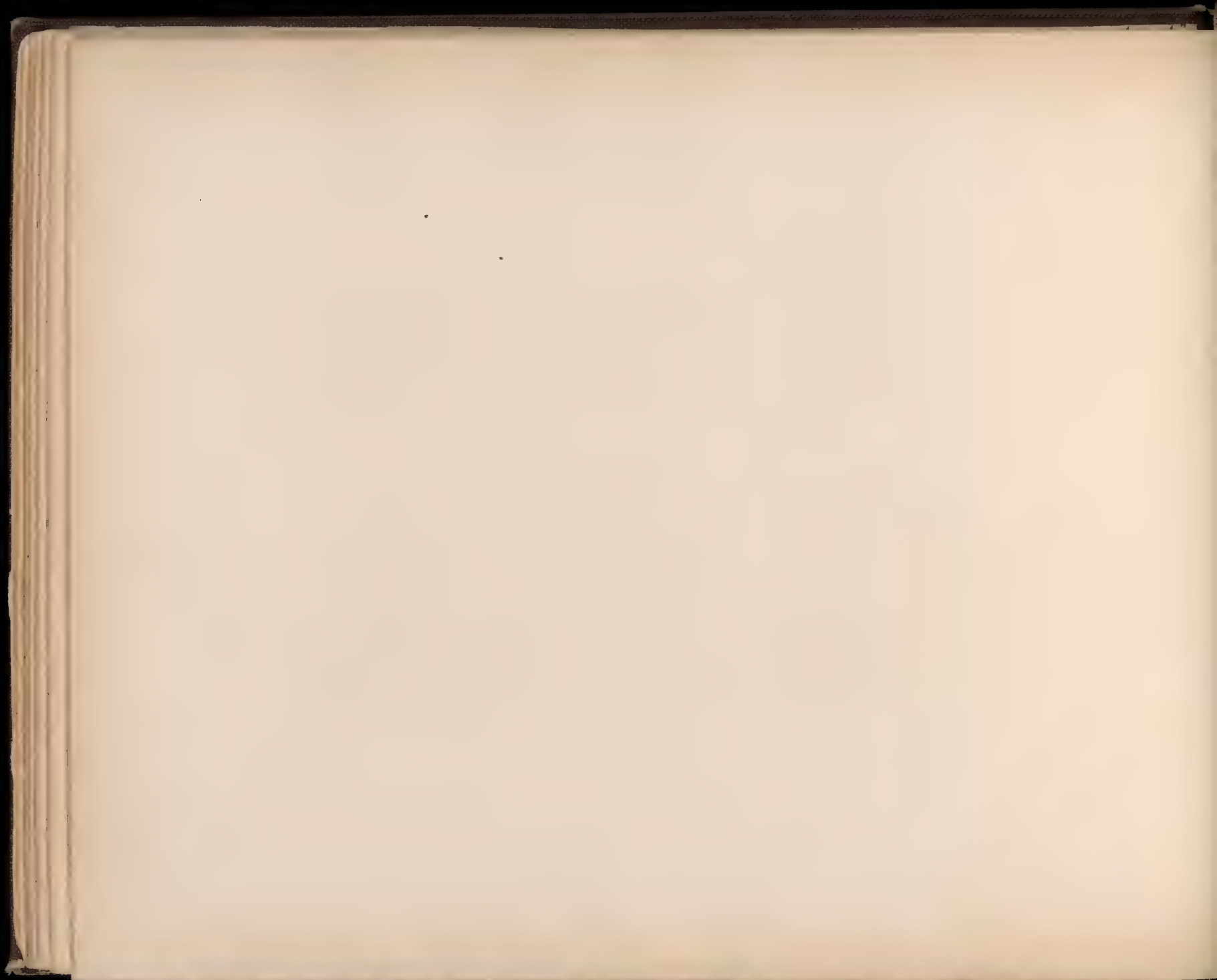




H. L. LARZELERE, ARCHT.,  
208 & 209, Cox Bldg  
ROCHESTER

ROOF & TRUSS PLAN.  
SCALE  $\frac{1}{4}$  IN. = 1 FT.

CHURCHVILLE UNION SCHOOL.

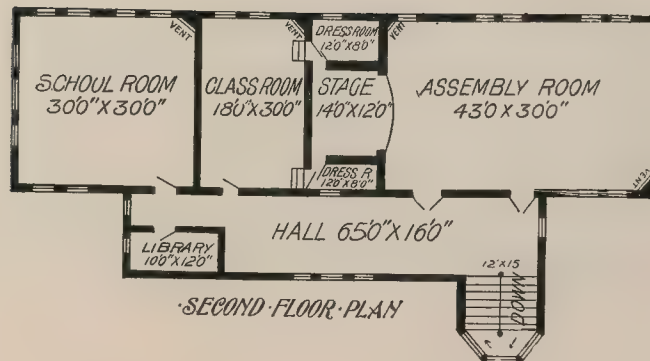
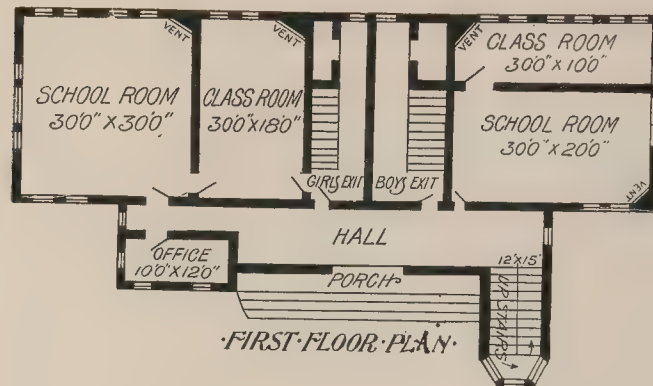






COLD SPRING—HALDANE UNION FREE SCHOOL. Erected 1880. Cost, \$30,000.











COLUMBUS—DISTRICT NO. 12. Erected 1882. Cost, \$955.





CORINTH UNION FREE SCHOOL. Erected 1891. Cost, \$28,000.

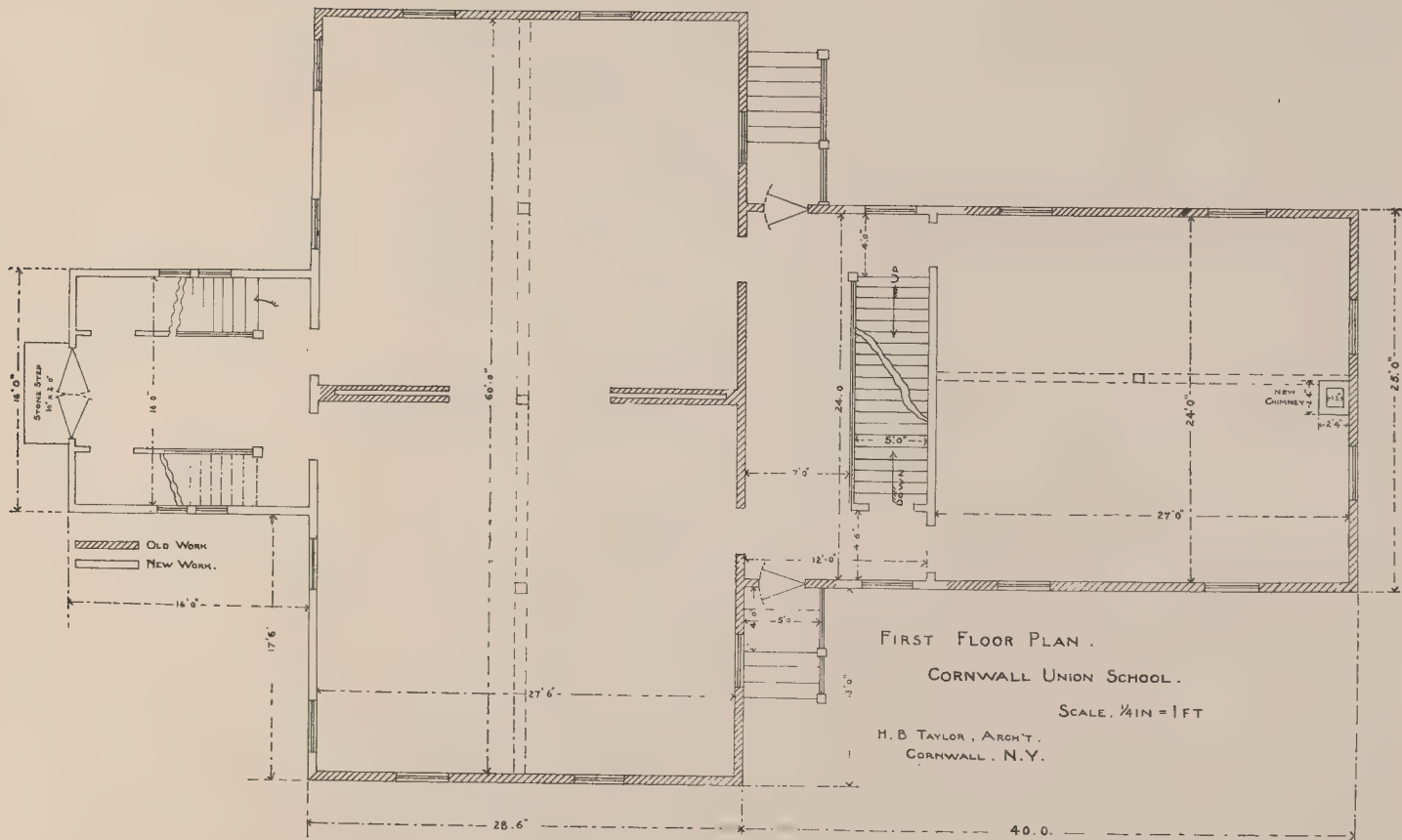






CORNWALL UNION SCHOOL. Erected 1896. Cost, \$3,000.









CORNWALL UNION SCHOOL, DIST. N<sup>o</sup> 5.

H. B. TAYLOR, ARCH'T,  
CORNWALL, N.Y.

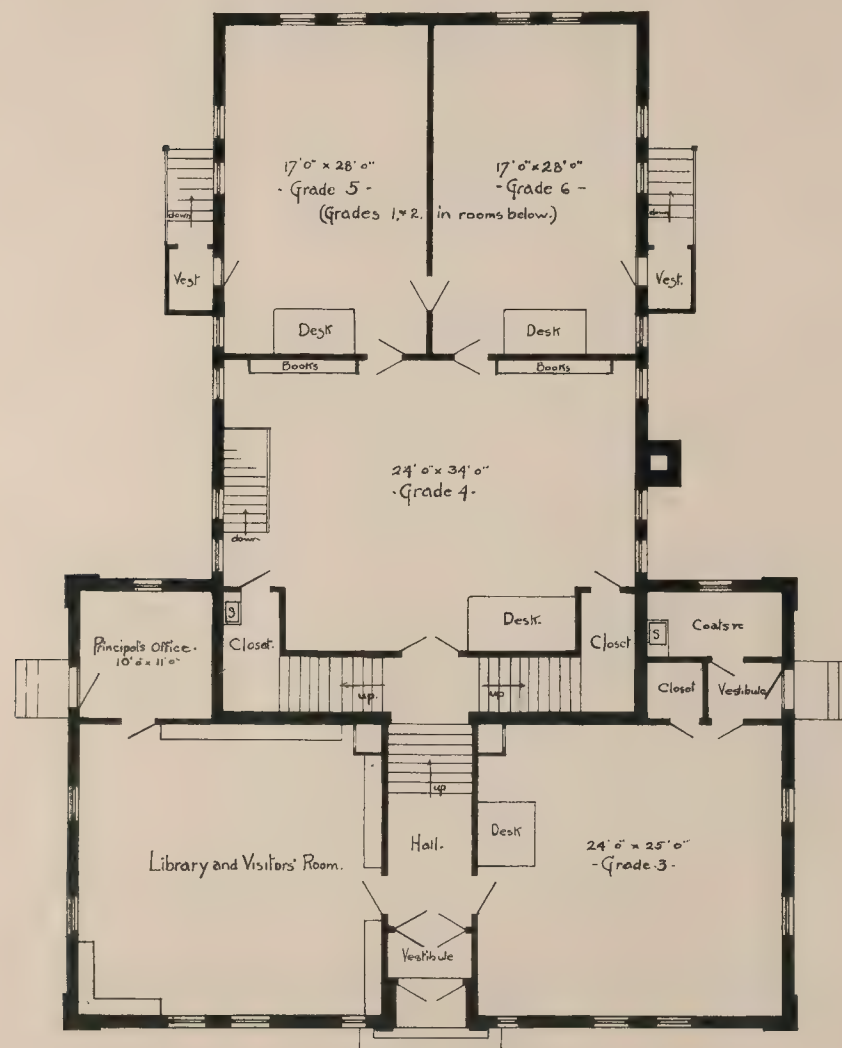
SCALE,  $\frac{1}{4}$  IN. = 1 FT.









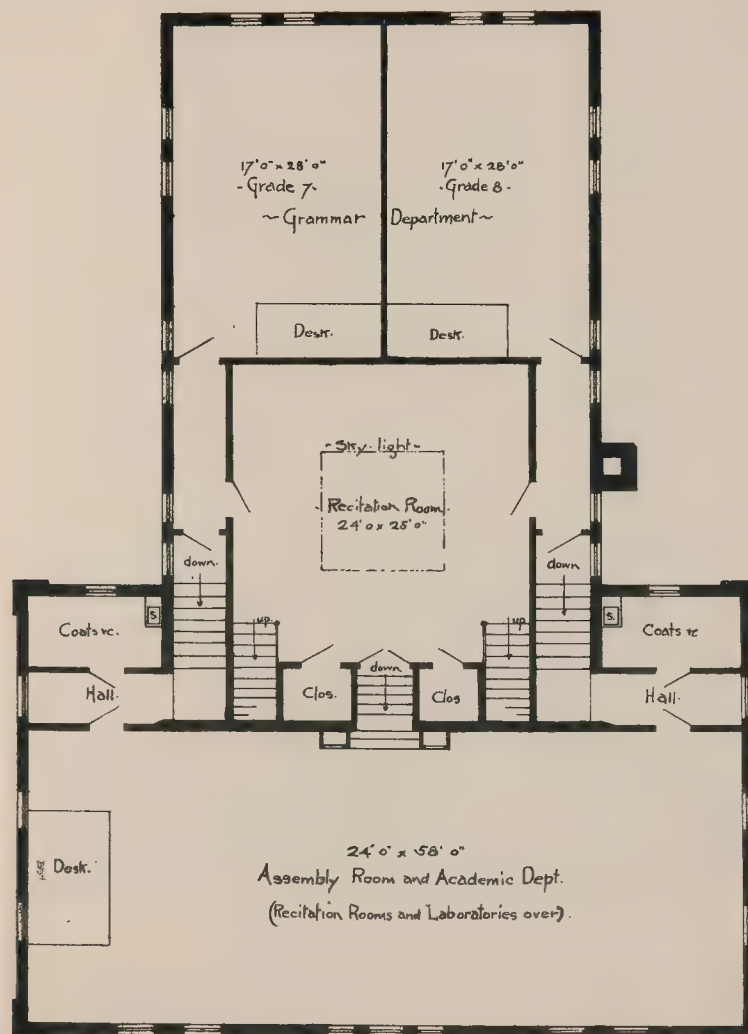


First Story Plan.

Scale  $\frac{1}{8}" = \text{One foot.}$

Cornwall-on-Hudson Union Free School and Academy.





Second Story Plan  
Scale  $\frac{1}{8}$ " = One foot.

Cornwall-on-Hudson Union Free School and Academy.







CORTLAND—CENTRAL SCHOOL. Erected 1892. Cost, \$21,415.





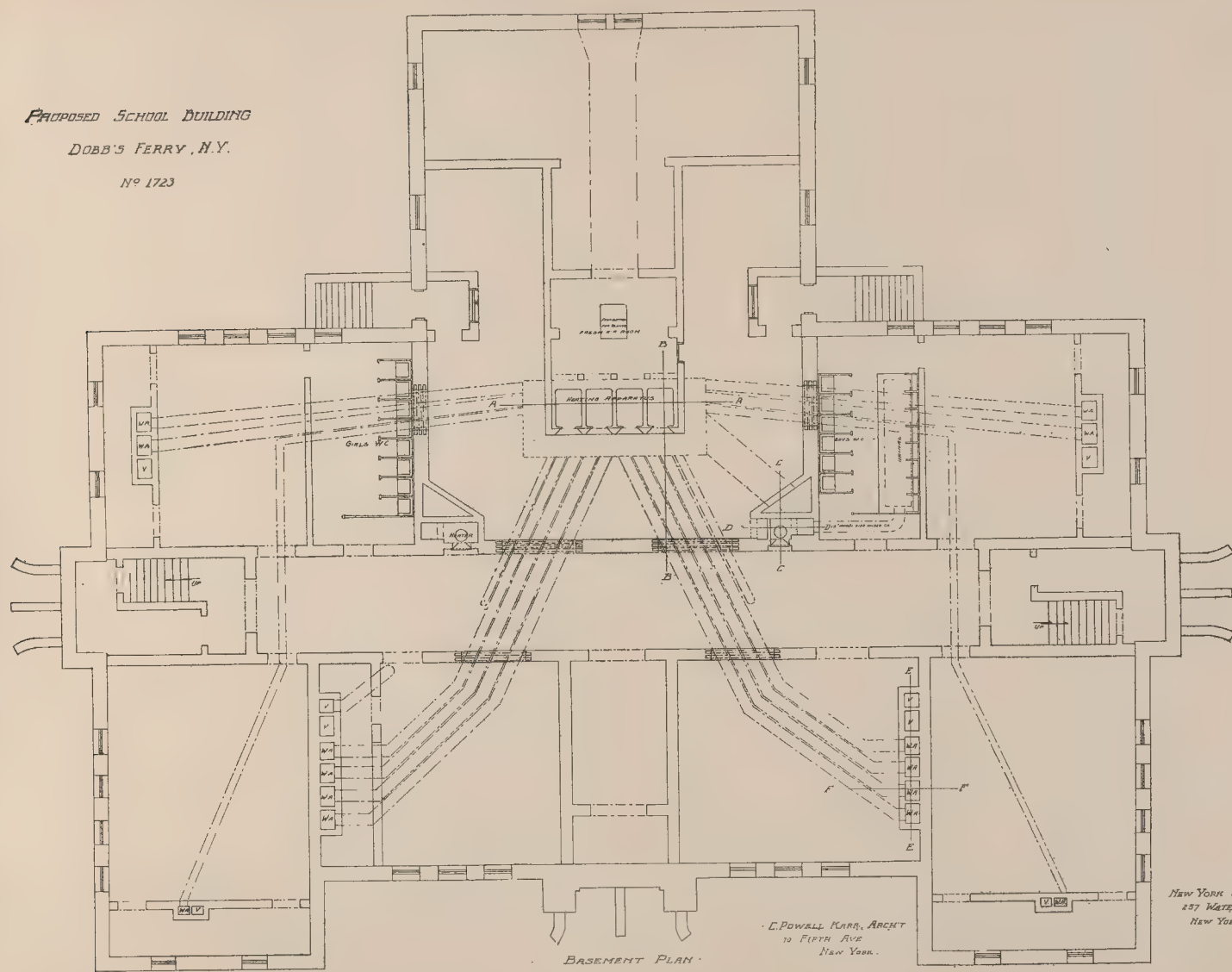
DOBBS FERRY UNION SCHOOL. Erected 1896. Cost, \$38,000.



PROPOSED SCHOOL BUILDING

DOBB'S FERRY, N.Y.

Nº 1723



BASEMENT PLAN

SCALE  $\frac{1}{4} = 10'$

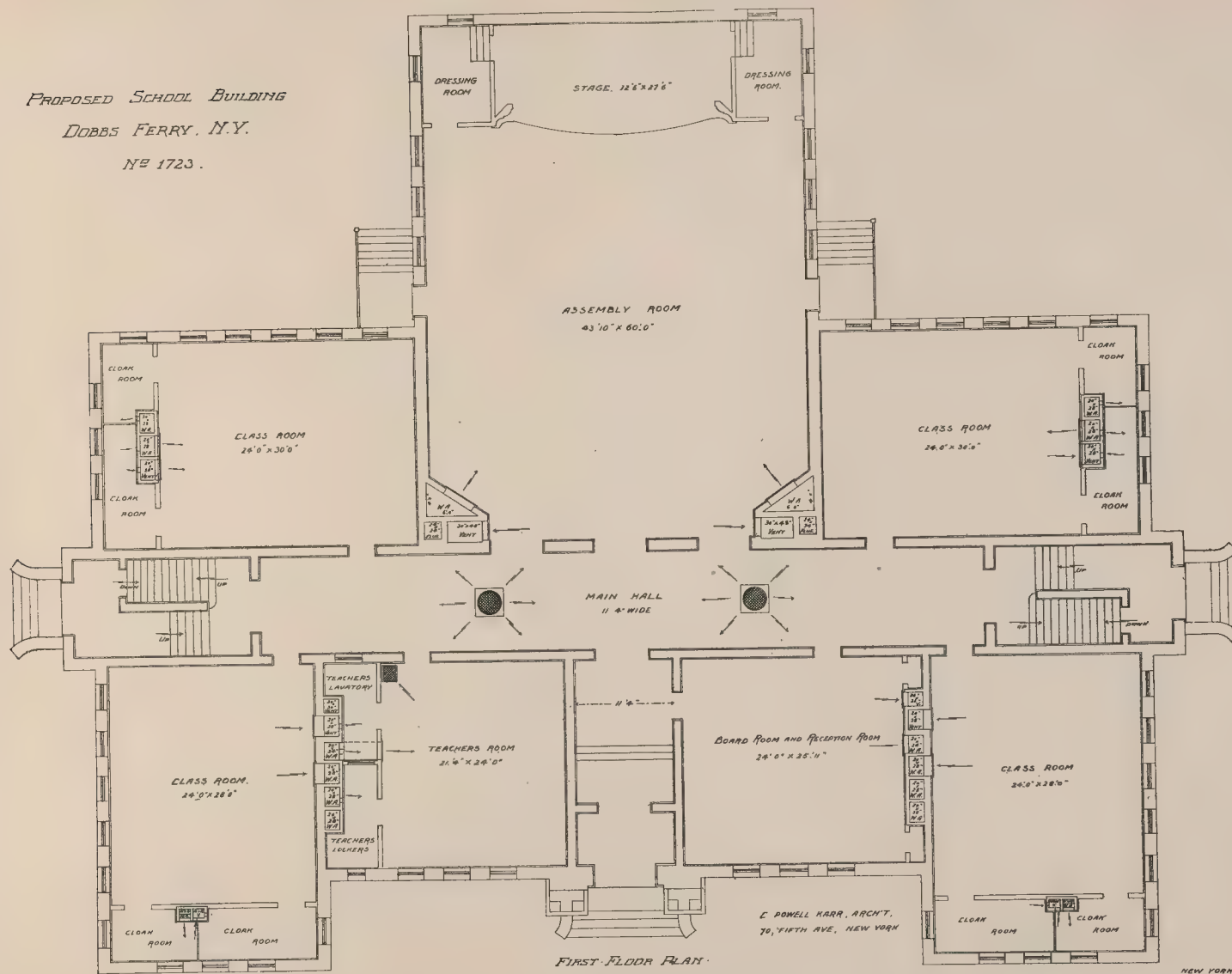
E. POWELL KARR, ARCHT.  
10 FIFTH AVE  
NEW YORK.

NEW YORK W & U. CO  
237 WATER ST  
NEW YORK, CITY





PROPOSED SCHOOL BUILDING  
DOBBS FERRY, N.Y.  
No 1723.



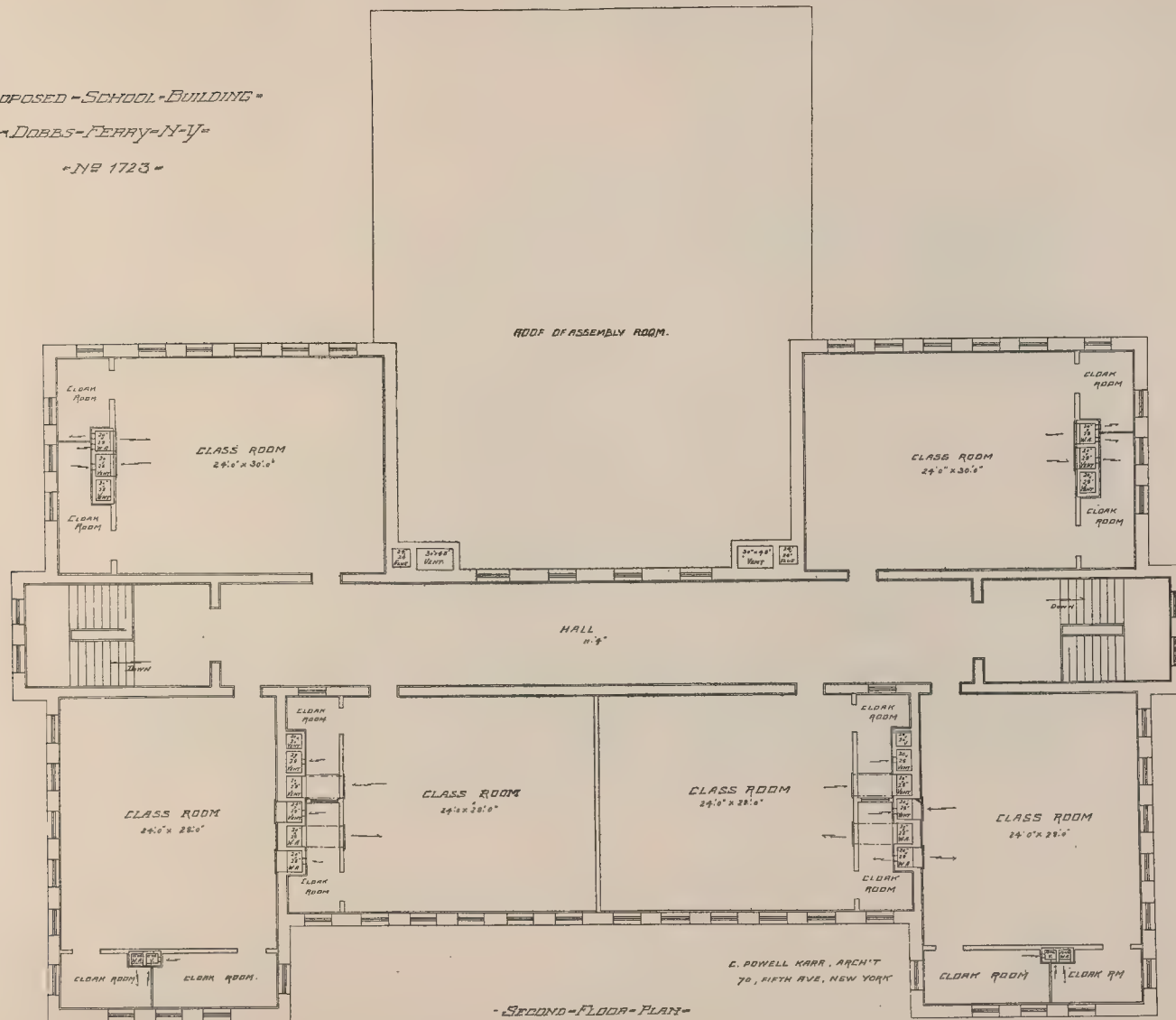
NEW YORK W.A.V. CO.  
157, WATER ST.  
NEW YORK CITY



PROPOSED - SCHOOL - BUILDING -

DOBBS-FERRY-N.Y.

"NY 1723"



- SECOND-FLOOR-PLAN -

- SCALE 1/4" = 1'0" -

NEW YORK W. & V. CO.  
267, WATER ST.  
NEW YORK CITY.







DUNDEE GRADED SCHOOL. Erected 1889. Cost, \$5,000.





DUNKIRK HIGH SCHOOL. Erected 1896. Cost, \$54,000.





DUNKIRK HIGH SCHOOL. Hallway.

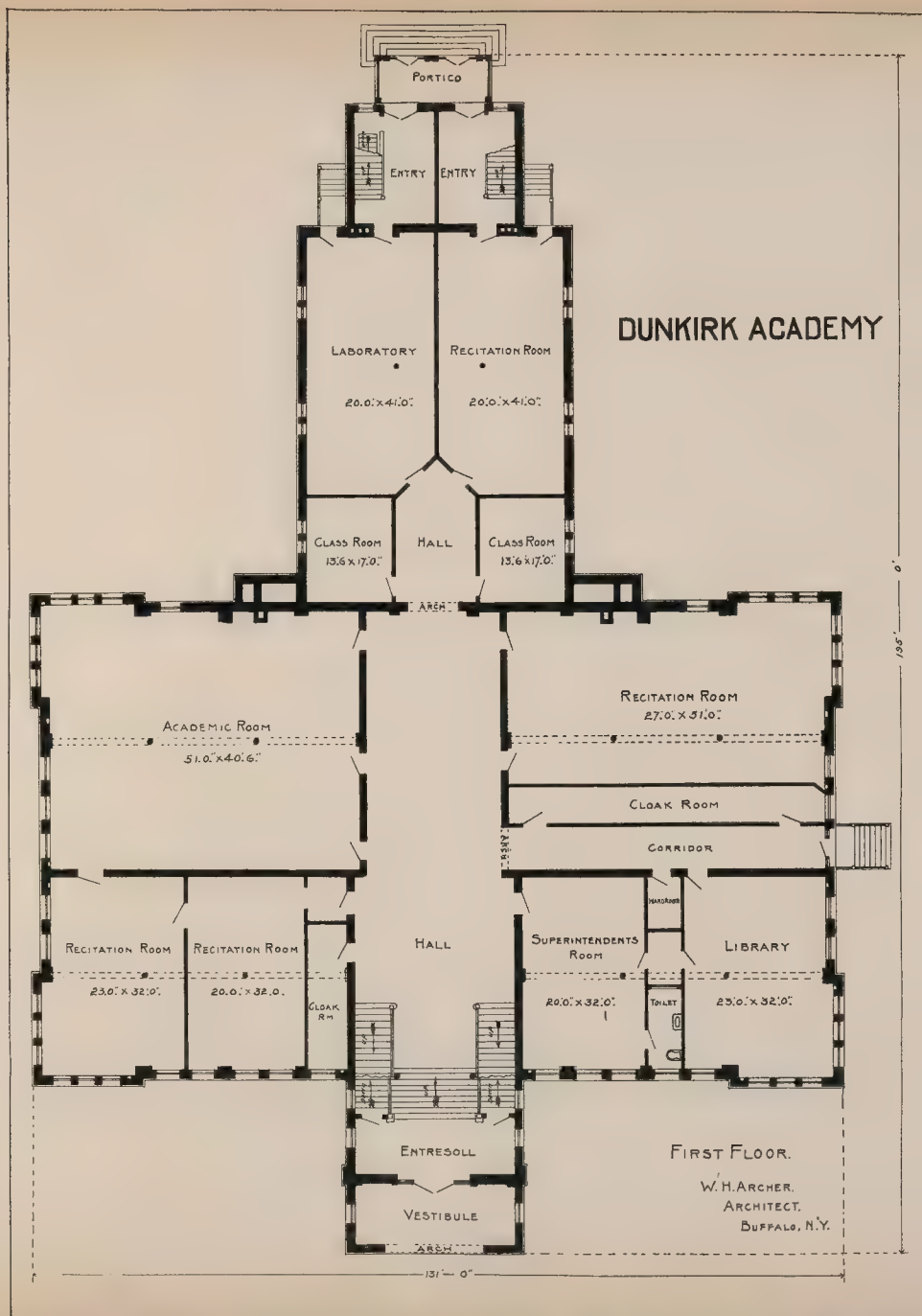






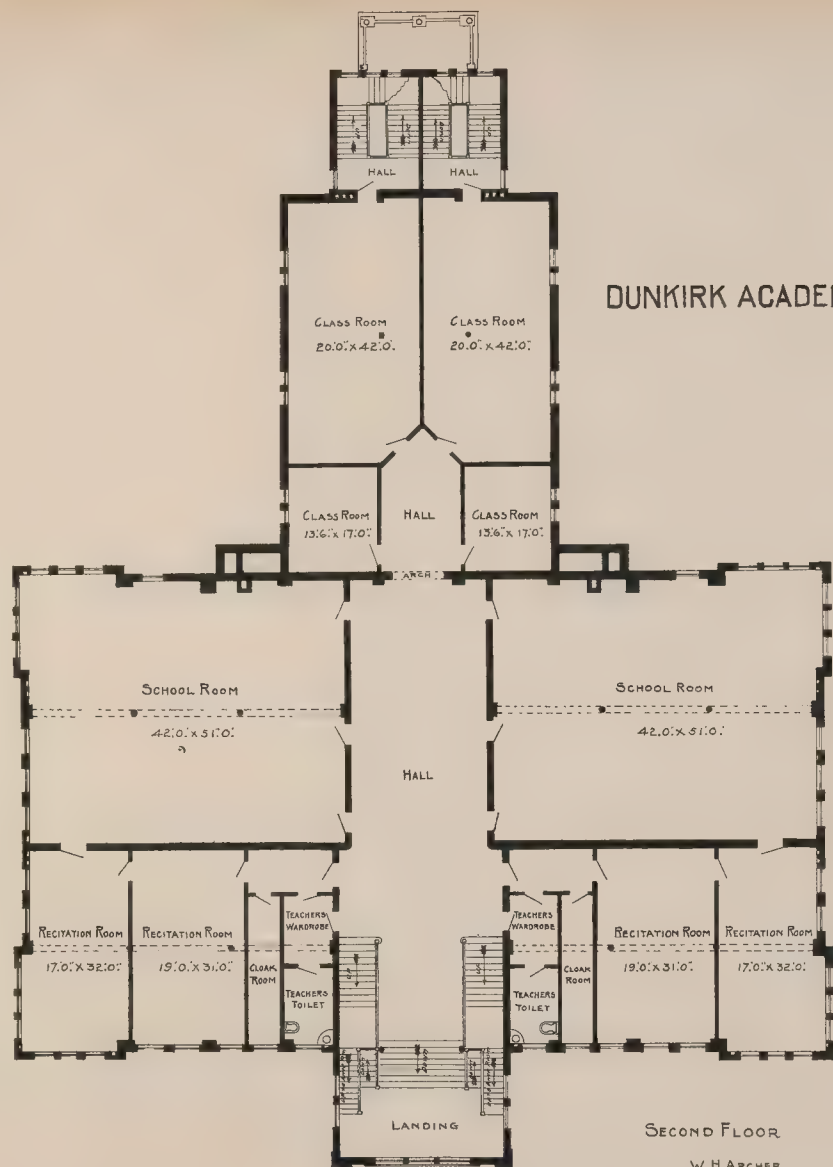
DUNKIRK HIGH SCHOOL. Staircase, 2d Floor.









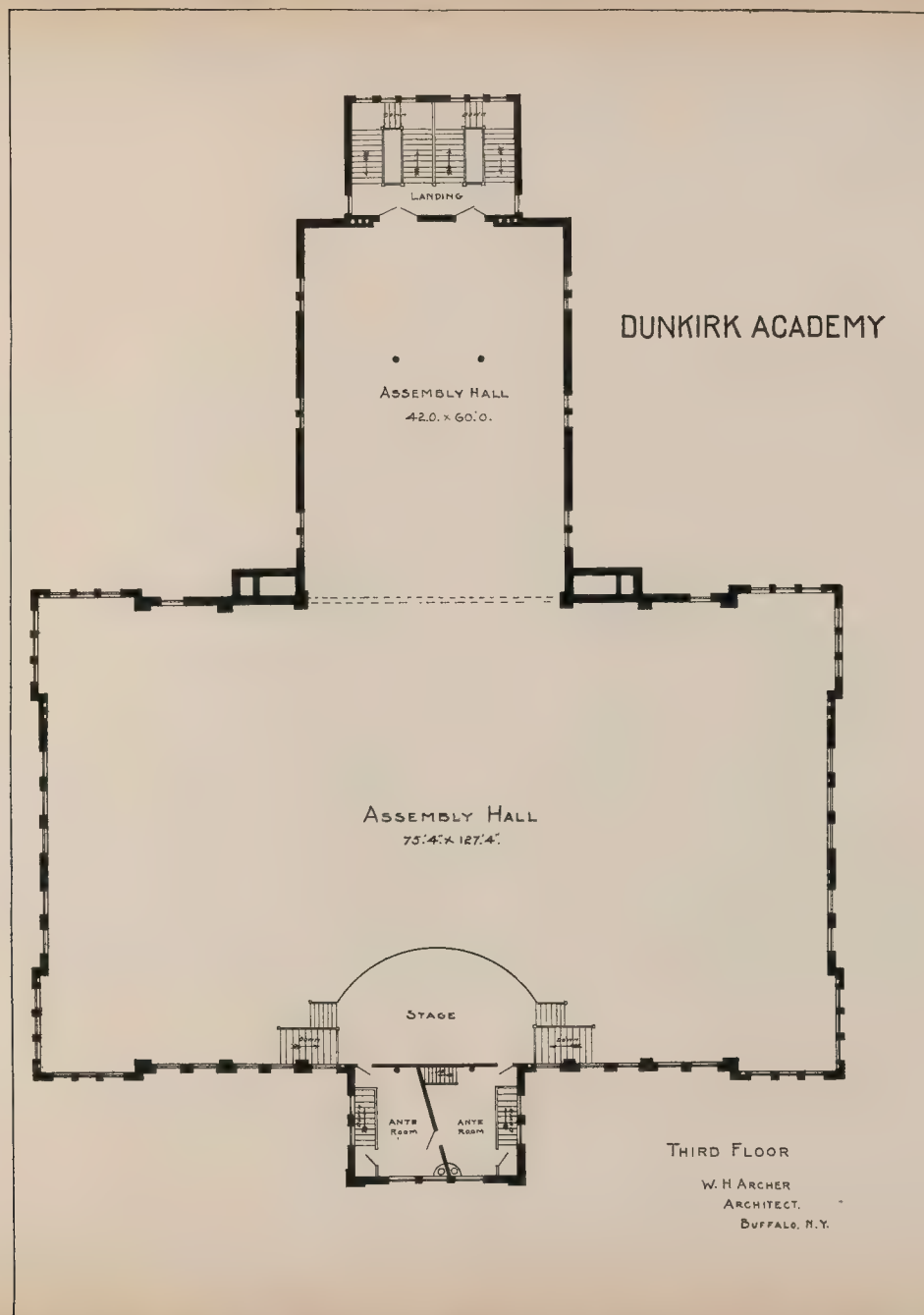


## DUNKIRK ACADEMY

SECOND FLOOR

W. H. ARCHER,  
ARCHITECT,  
BUFFALO, N. Y.









EAST HAMPTON SCHOOL—DISTRICT NO. 1. Erected 1894. Cost, \$9,000.

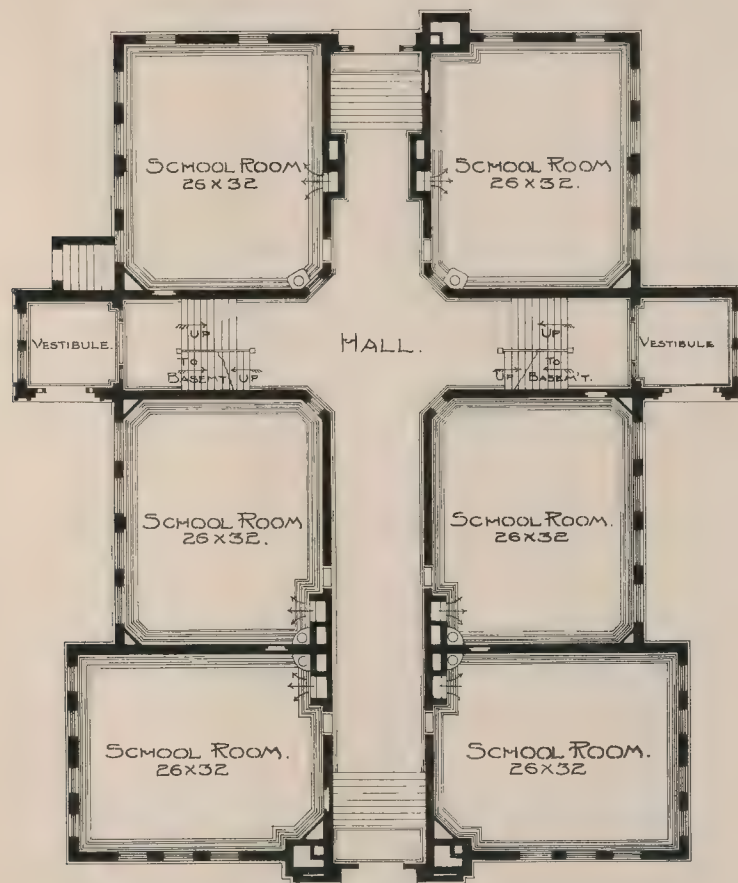






ELMIRA--SCHOOL NO. 9. Erected 1896. Cost, \$23,500.

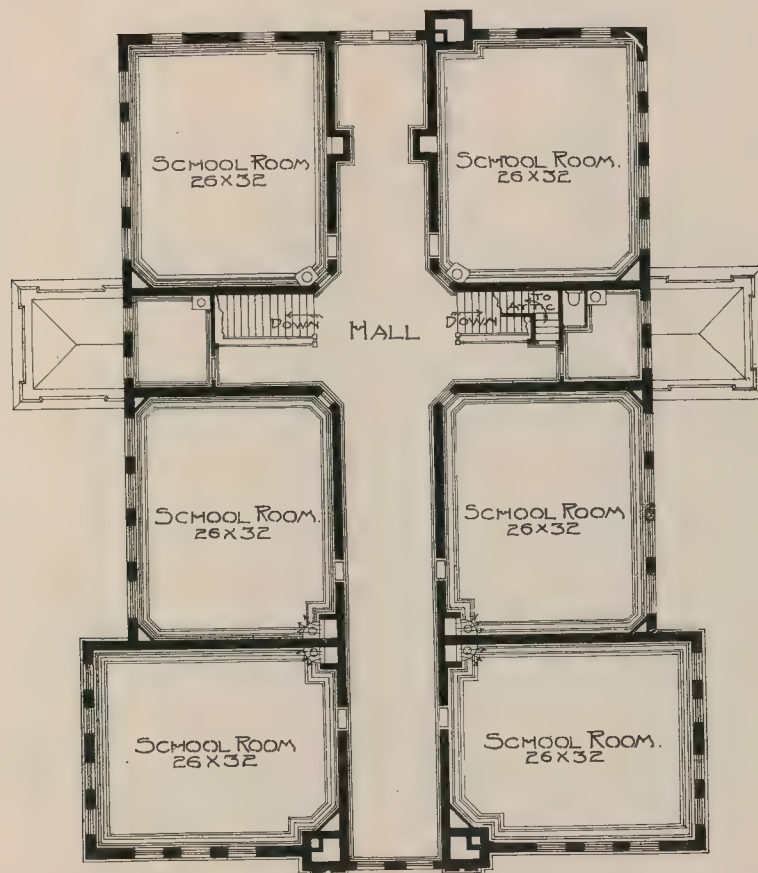




FIRST FLOOR PLAN.  
 SCHOOL BUILDING No 9.  
 ELMIRA, N.Y.  
 J.M. CONSIDINE - ARCHITECT.







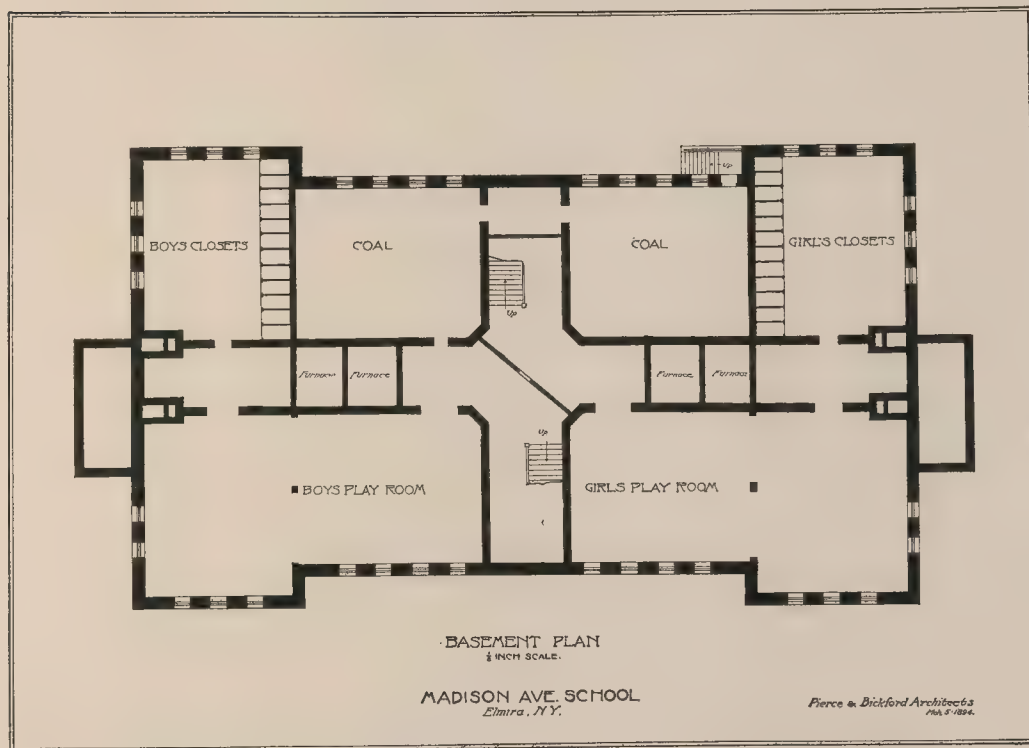
SECOND FLOOR PLAN  
SCHOOL BUILDING No 9  
ELMIRA, N.Y.  
J.M. CONSIDINE-ARCHITECT.





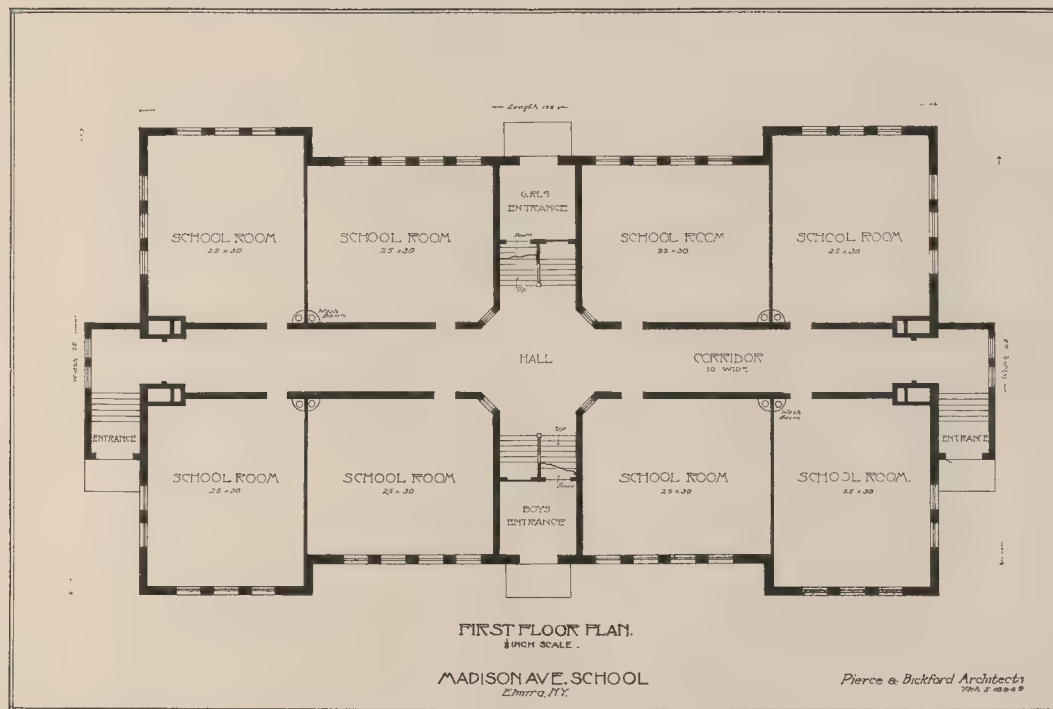
ELMIRA—MADISON AVE. SCHOOL. Erected 1894. Cost, \$25,000.



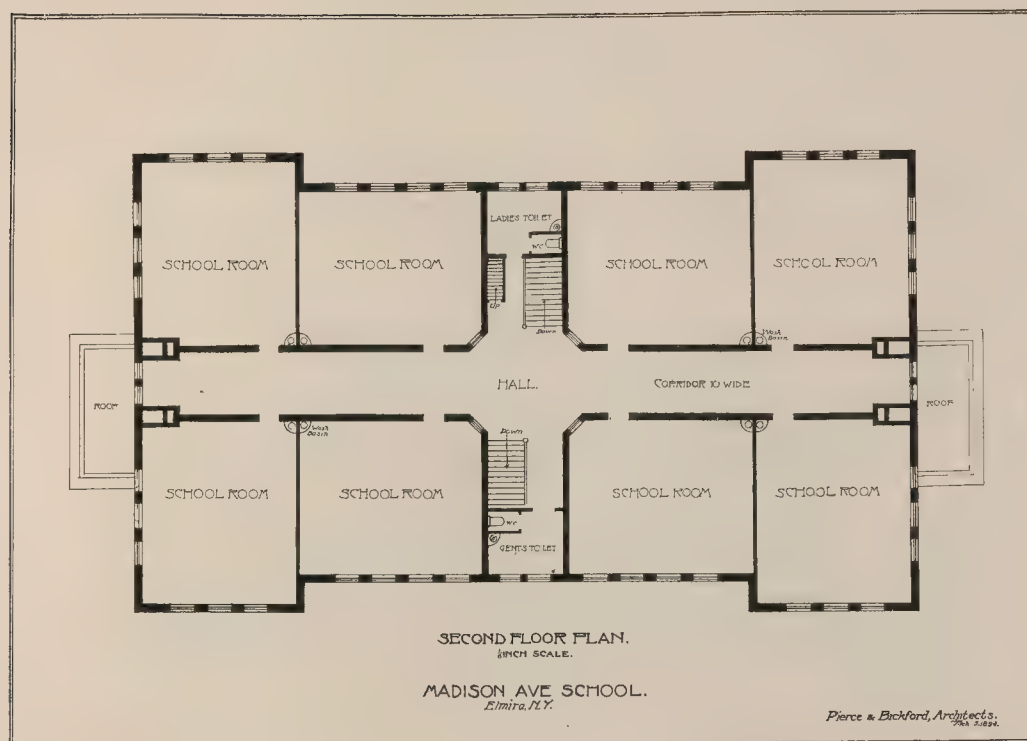












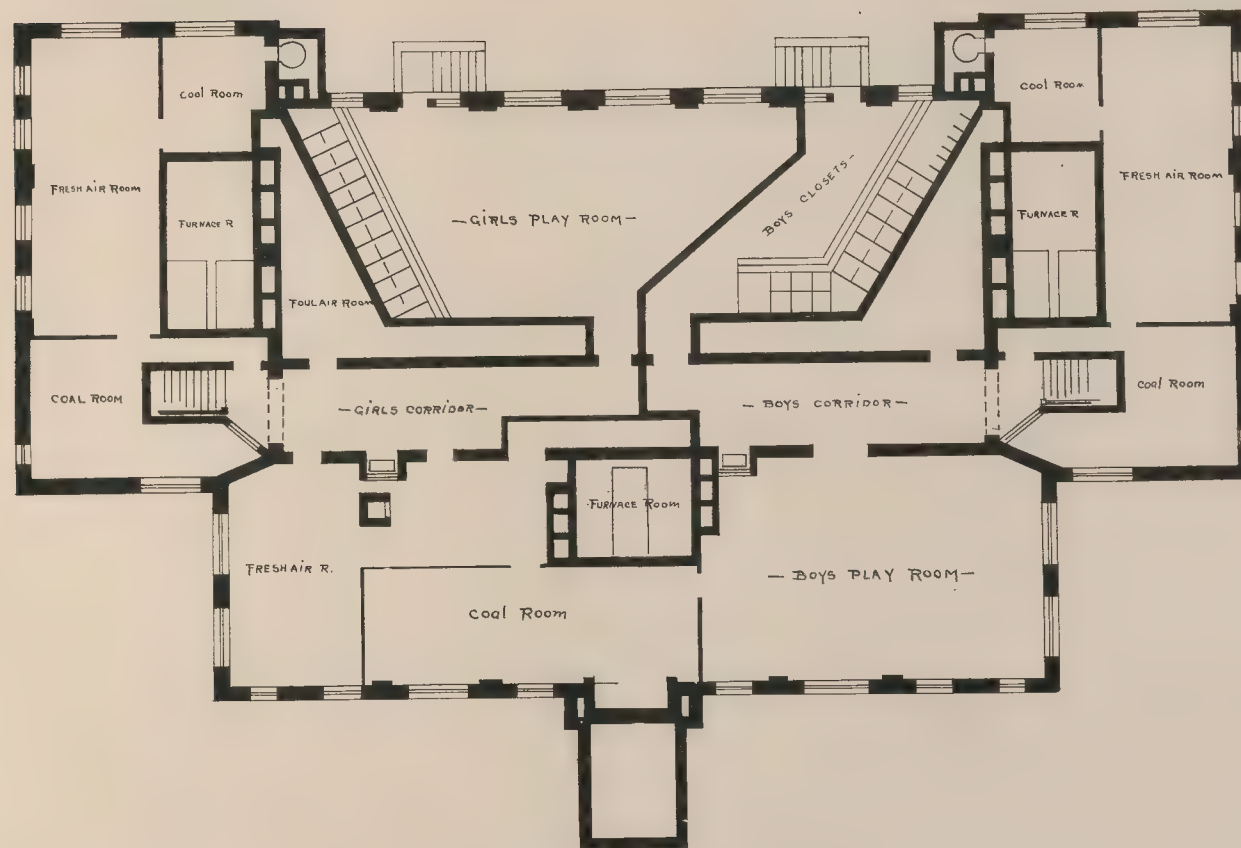






FAR ROCKAWAY—UNION SCHOOL. Erected 1893. Cost, \$30,000.

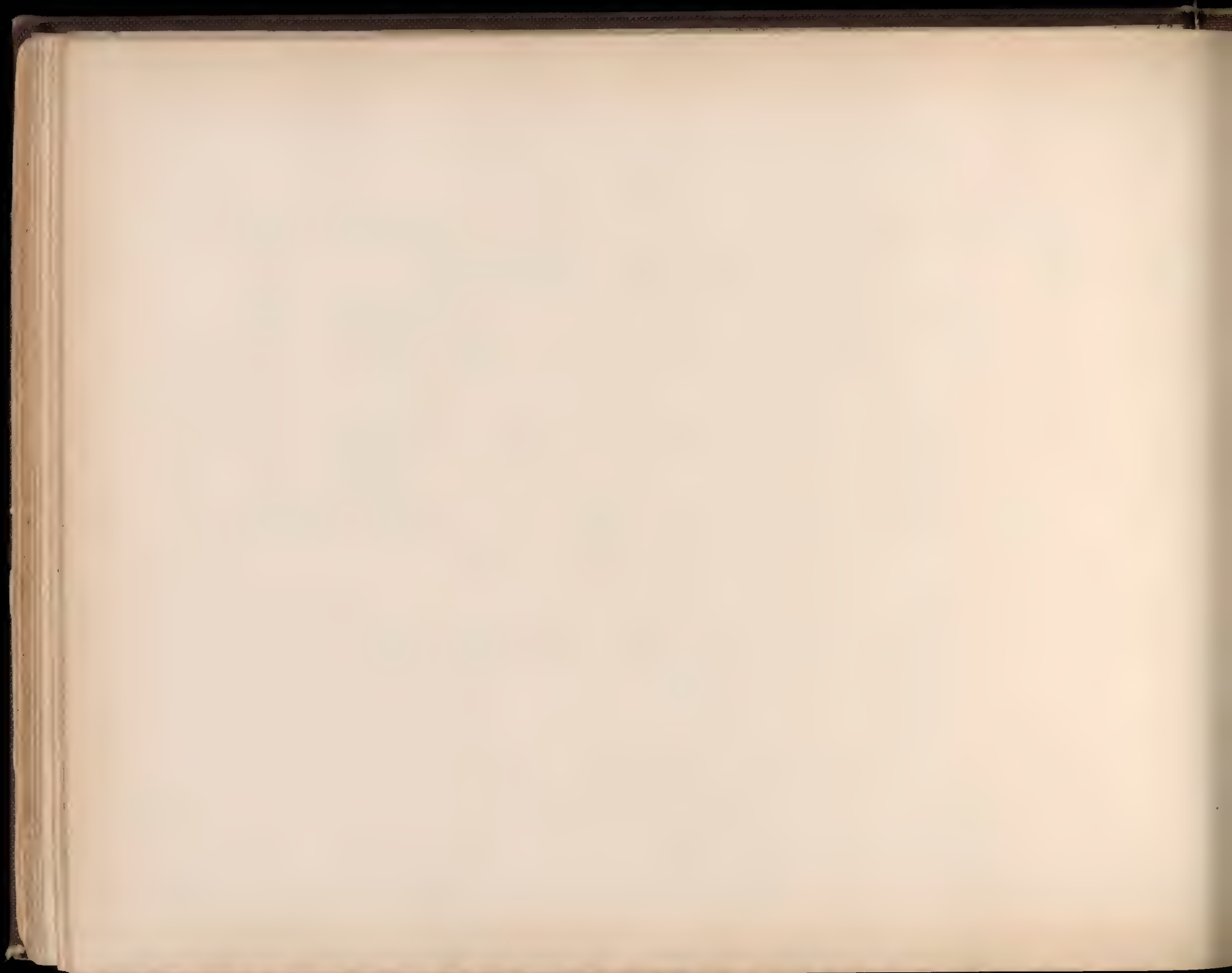


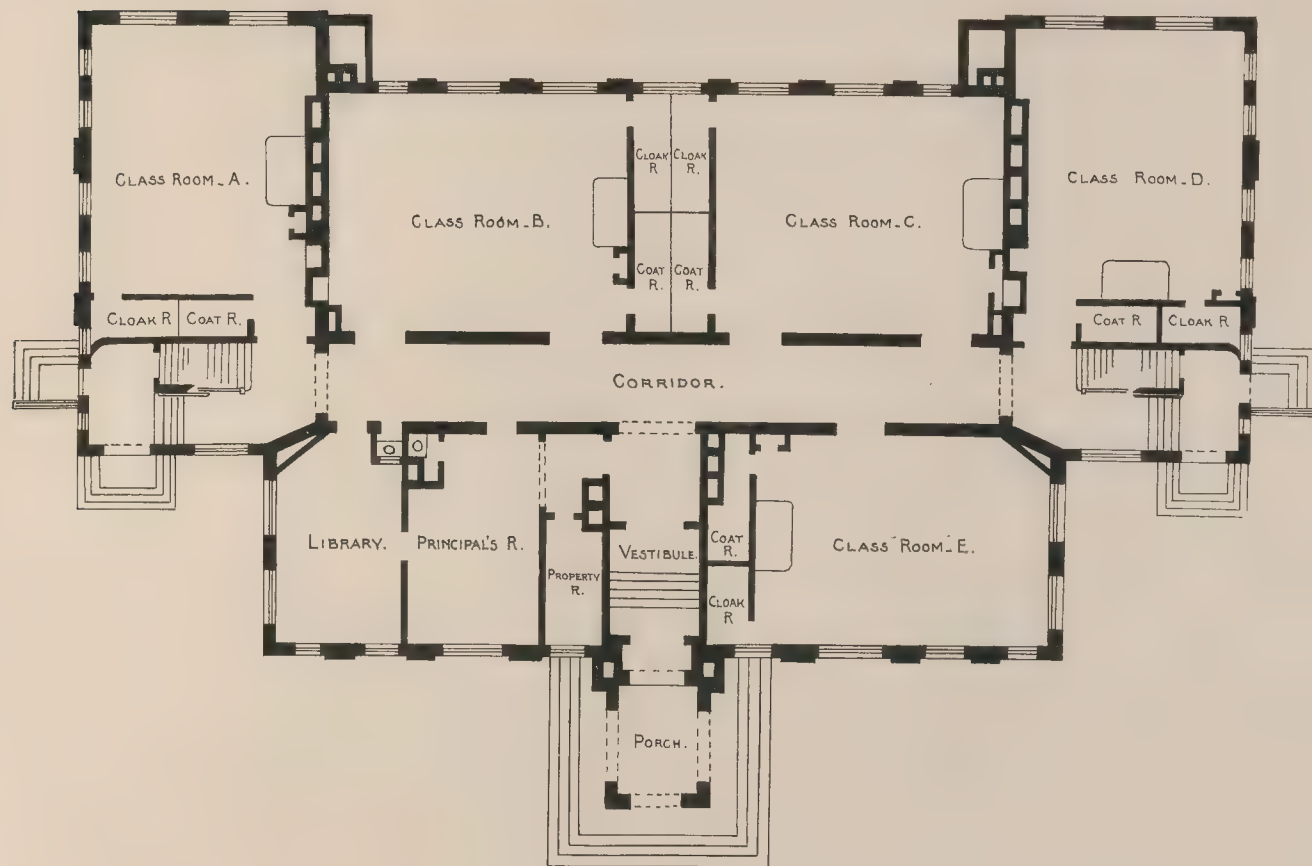


— BASEMENT PLAN —

— SCALE  $\frac{3}{32}$  IN. = ONE FOOT —— H. L. Harris. ARCHITECT.  
280 Broadway, N.Y. —

FAR ROCKAWAY, N.Y.





FIRST STORY PLAN.

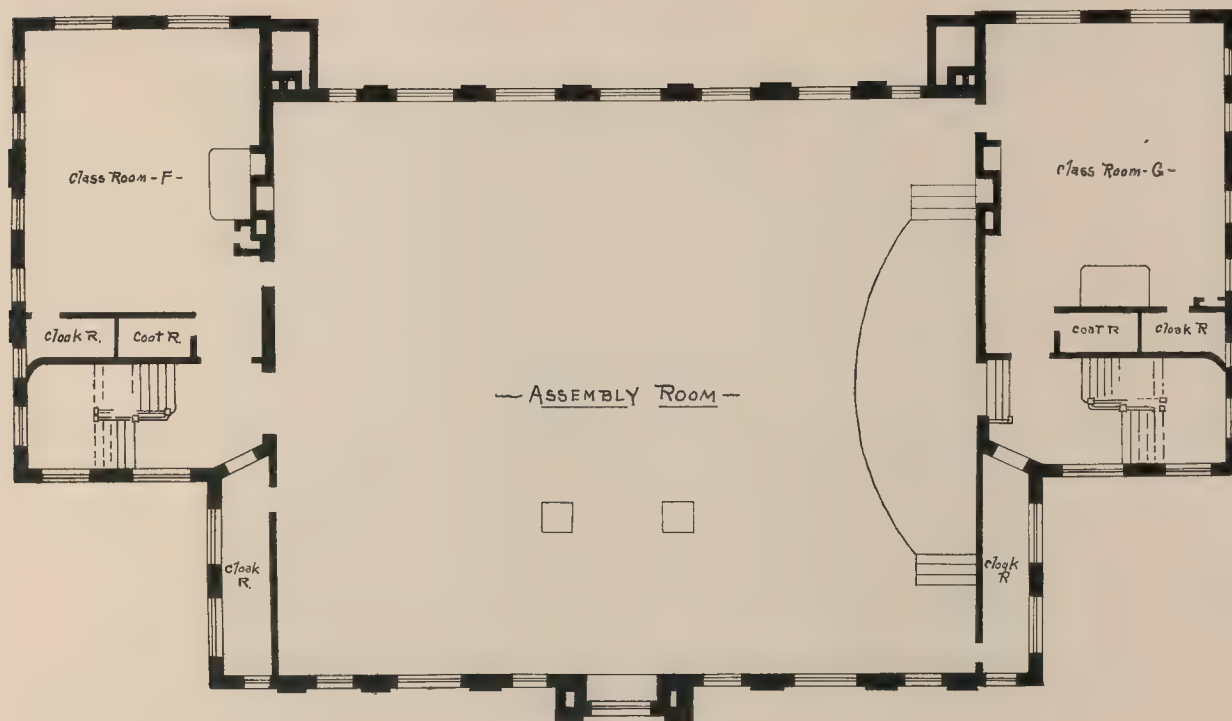
SCALE,  $\frac{1}{2}$  IN. = ONE FOOT.

FAR ROCKAWAY, N.Y.

H. L. HARRIS, ARCHITECT  
280 BROADWAY, N.Y.







— SECOND STORY PLAN —

— SCALE  $\frac{9}{32}$  = ONE FOOT —

— H. L. Harris Architect.  
280 Broadway N.Y. —

FAR ROCKAWAY, N.Y.





FRIENDSHIP UNION FREE SCHOOL.	Erected	1890.	{	Cost, \$24,000.
		1895.		







FULTONVILLE UNION FREE SCHOOL. Erected 1884. Cost, \$11,255.





GAINESVILLE SCHOOL—DISTRICT NO. 1. Erected 1892. Cost, \$2,400.

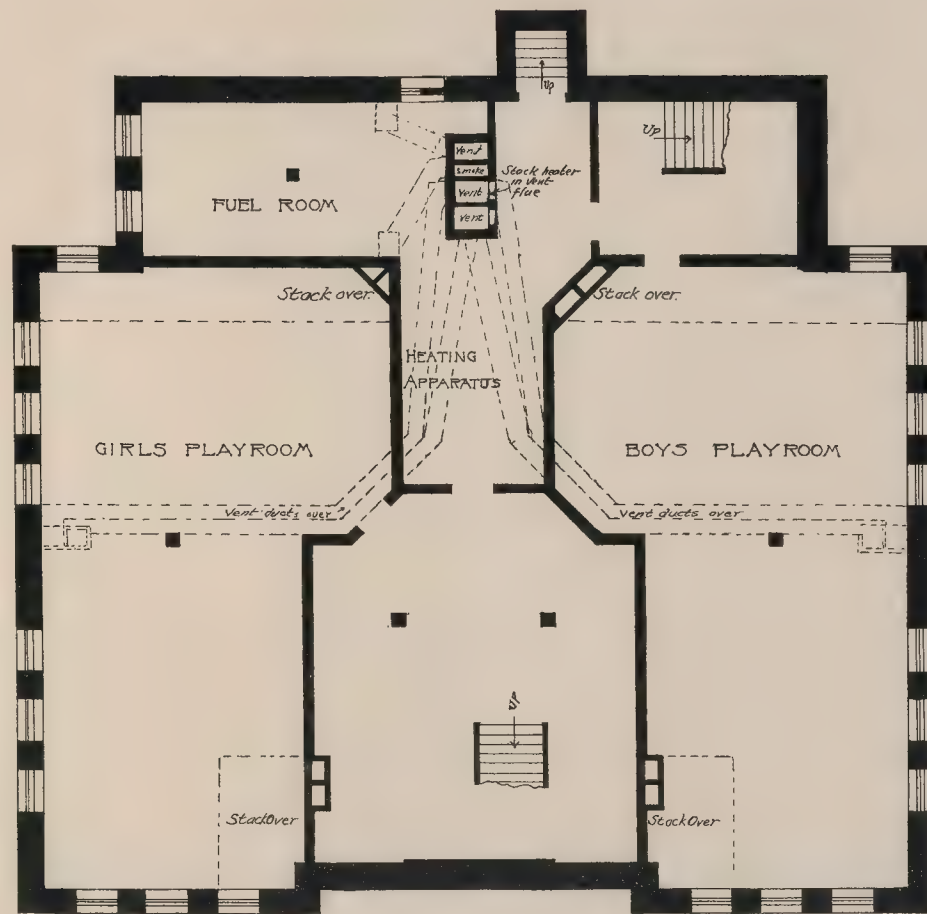




GENEVA—CORTLAND ST. SCHOOL. Erected 1895. Cost, \$12,500.





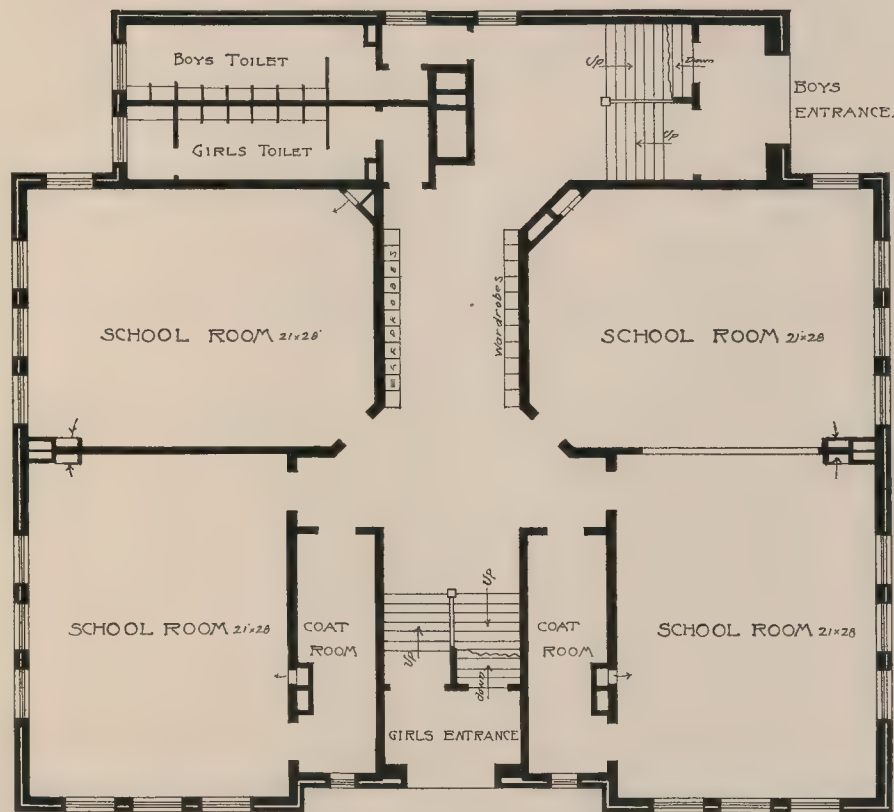


CORTLAND ST. SCHOOL.  
GENEVA, N. Y.

BASEMENT PLAN.  
1/8" INCH SCALE.

PIERCE & BICKFORD.  
ARCHITECTS.





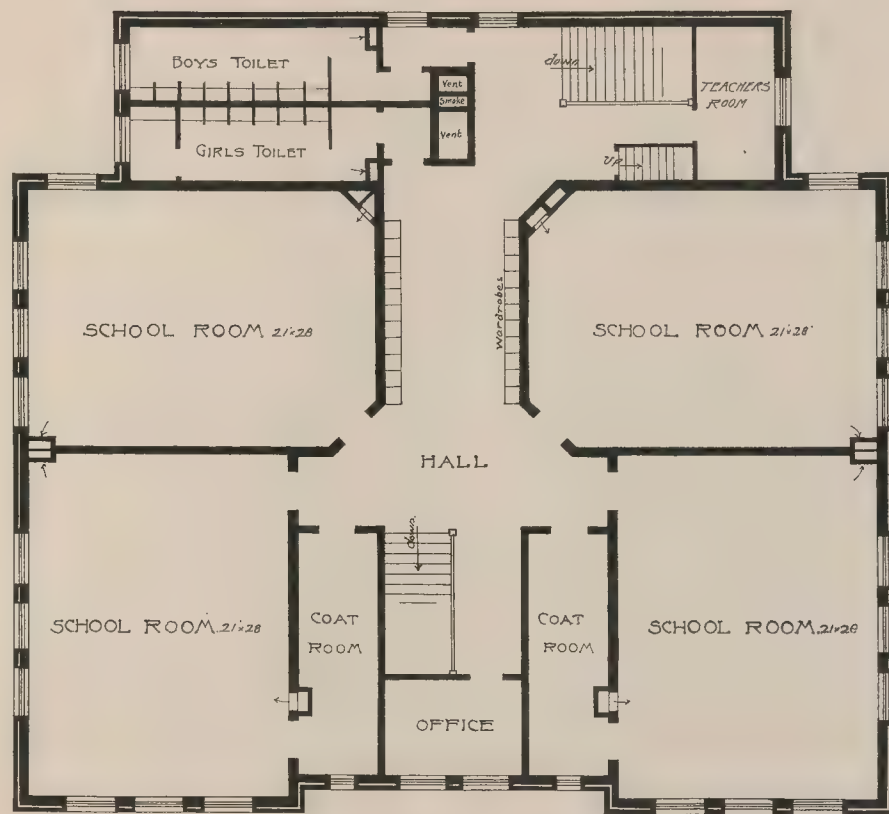
CORTLAND ST. SCHOOL · FIRST FLOOR PLAN ·  
· GENEVA · N. Y. ·

· 1/8" INCH SCALE ·

· PIERCE & BICKFORD ·  
· ARCHITECTS ·







CORTLAND ST. SCHOOL: SECOND FLOOR PLAN.  
GENEVA, N.Y.

1/8" INCH SCALE.

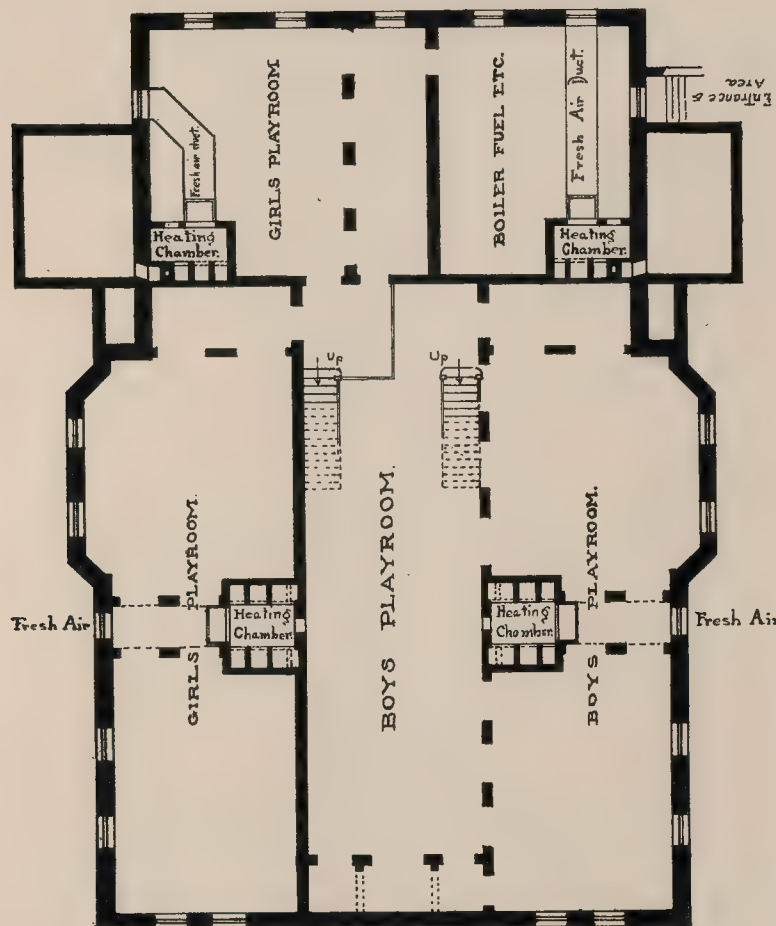
PIERCE & BICKFORD  
ARCHITECTS.





GENEVA—LEWIS ST. SCHOOL. Erected 1896. Cost, \$19,000.





LEWIS STREET SCHOOL

GENEVA N.Y.

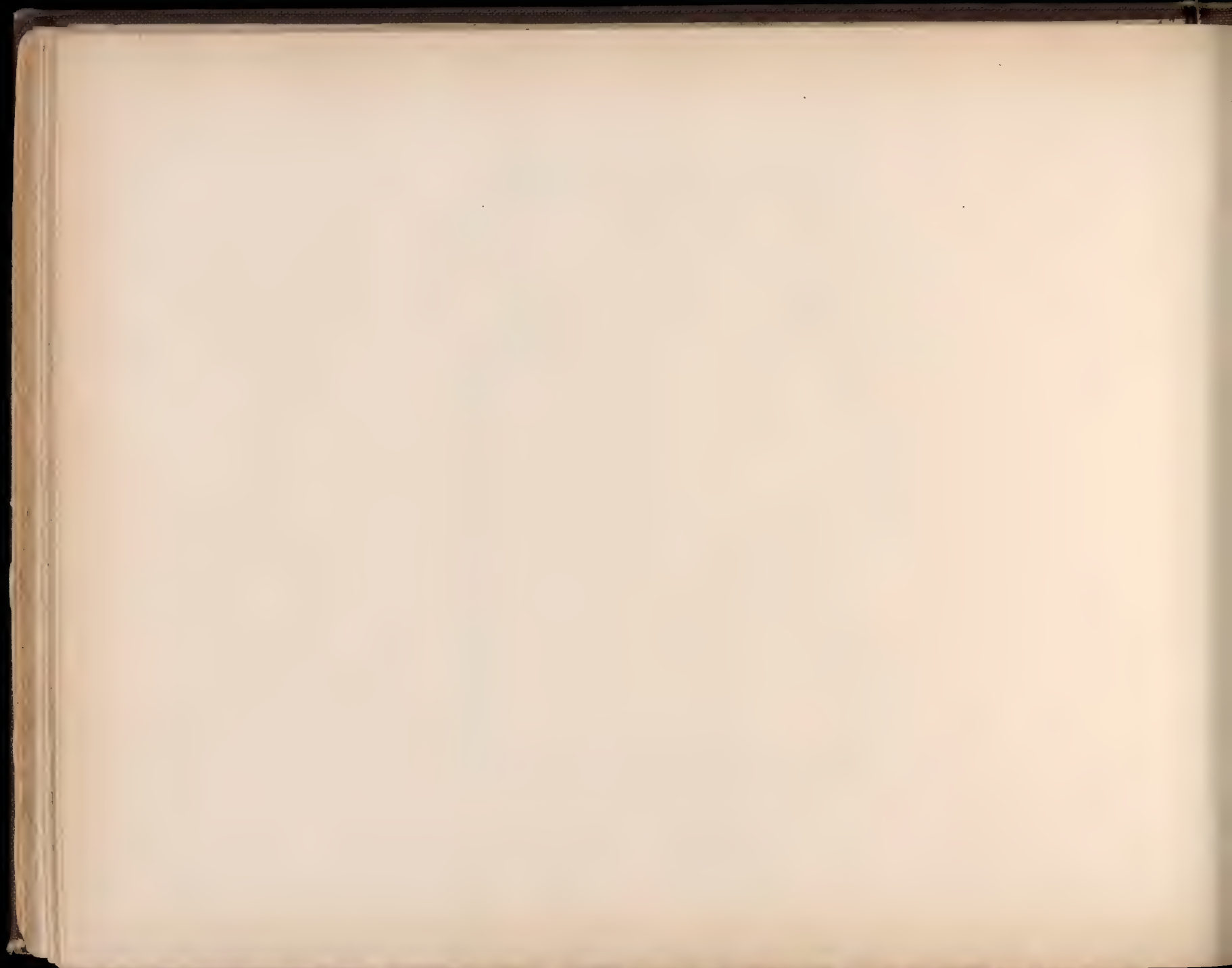
WILSON POTTER ARCH'T.

3 UNION SQ. N.Y. CITY.

BASEMENT PLAN

1/16" Scale.





# LEWIS STREET SCHOOL

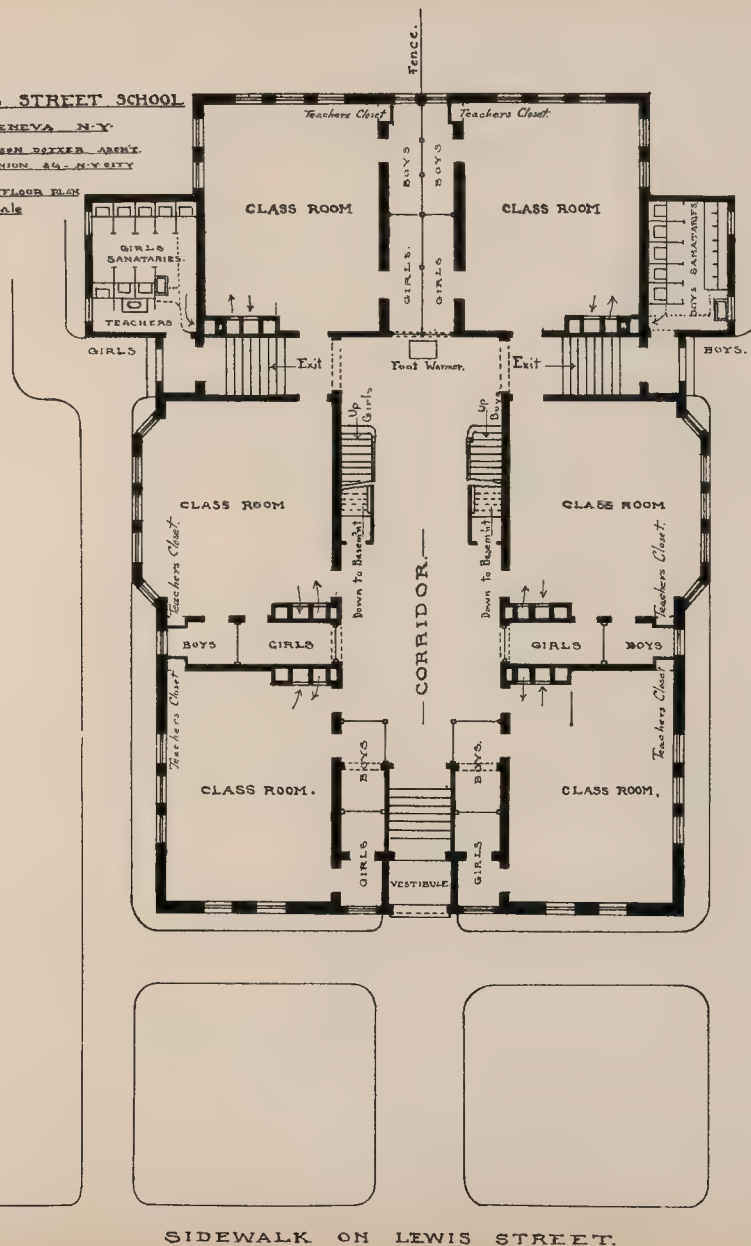
GENEVA N.Y.

WILSON DEXTER ARCHT.

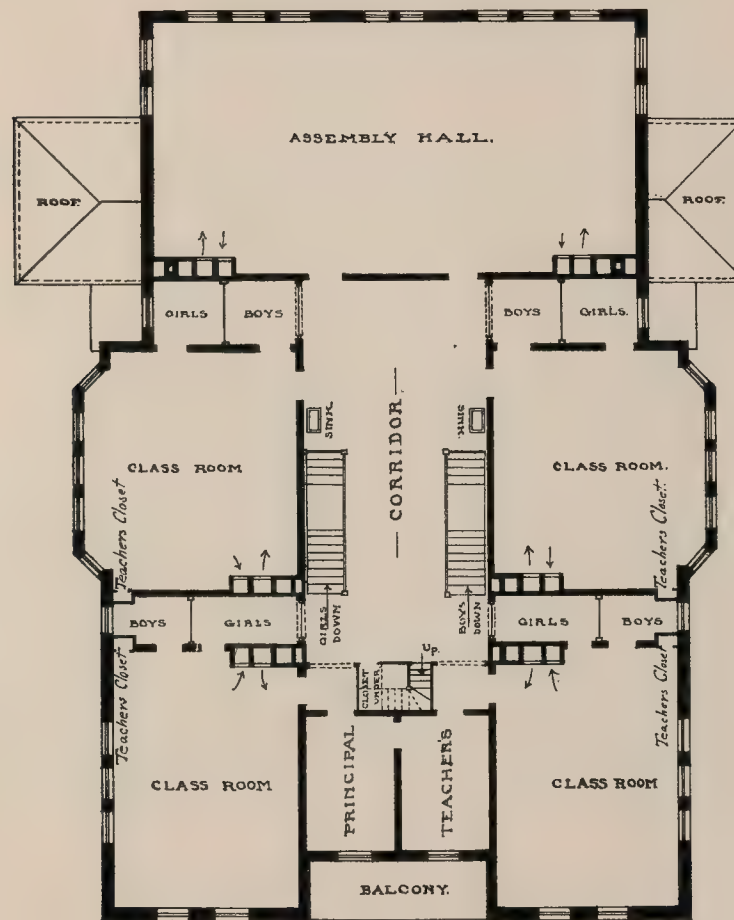
UNION 84 N.Y.CITY

SECOND FLOOR PLAN

$\frac{1}{16}$ " Scale







LEWIS STREET SCHOOL

GENEVA N.Y.

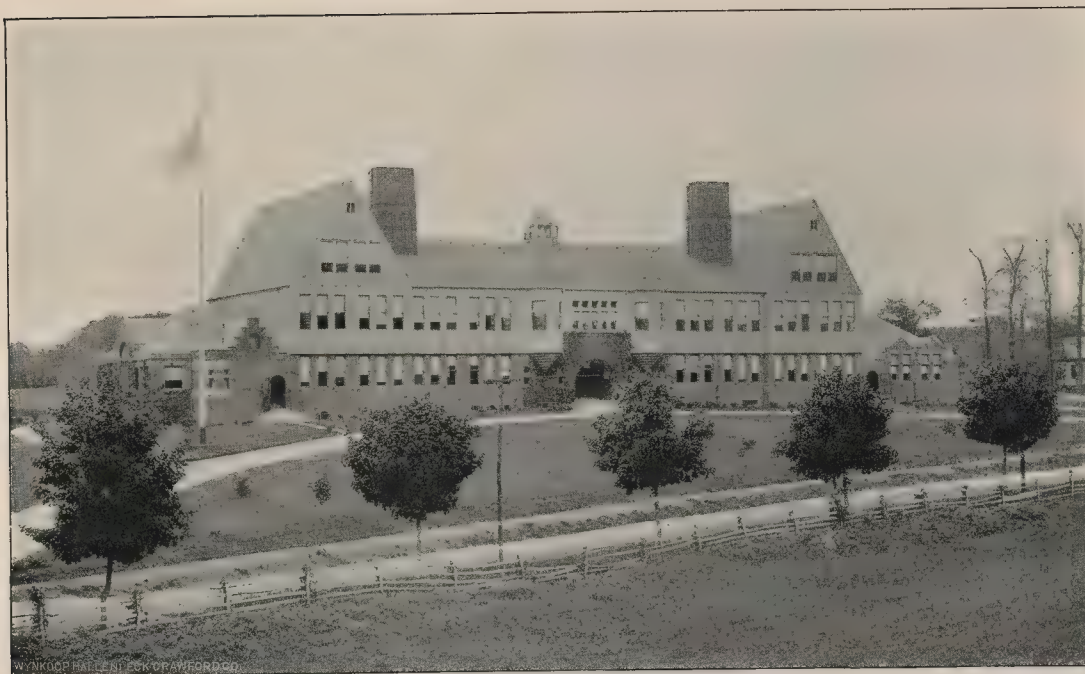
WILSON POTTER ARCHT.  
3 UNION SQ. N.Y. CITY.

SECOND FLOOR PLAN.

1/16" Scale.

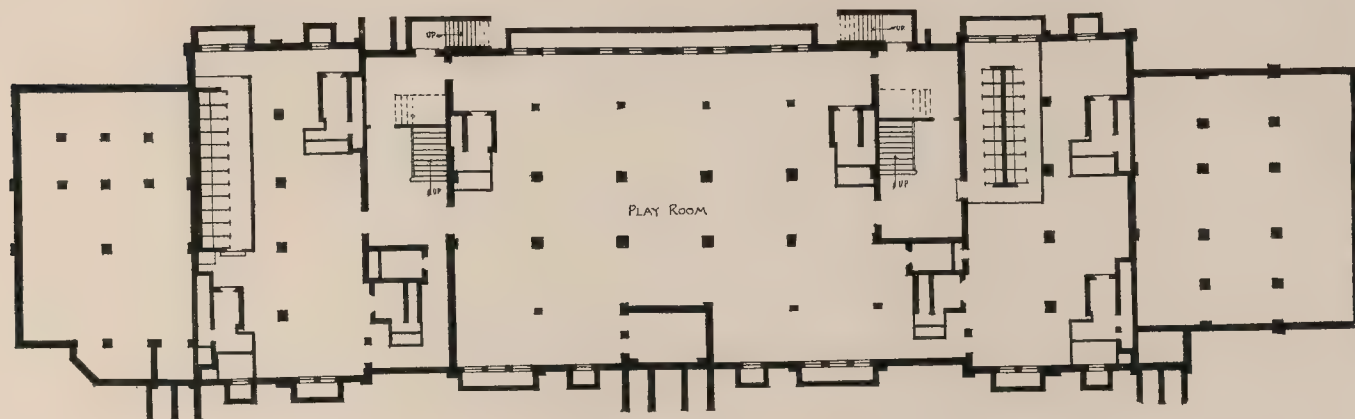






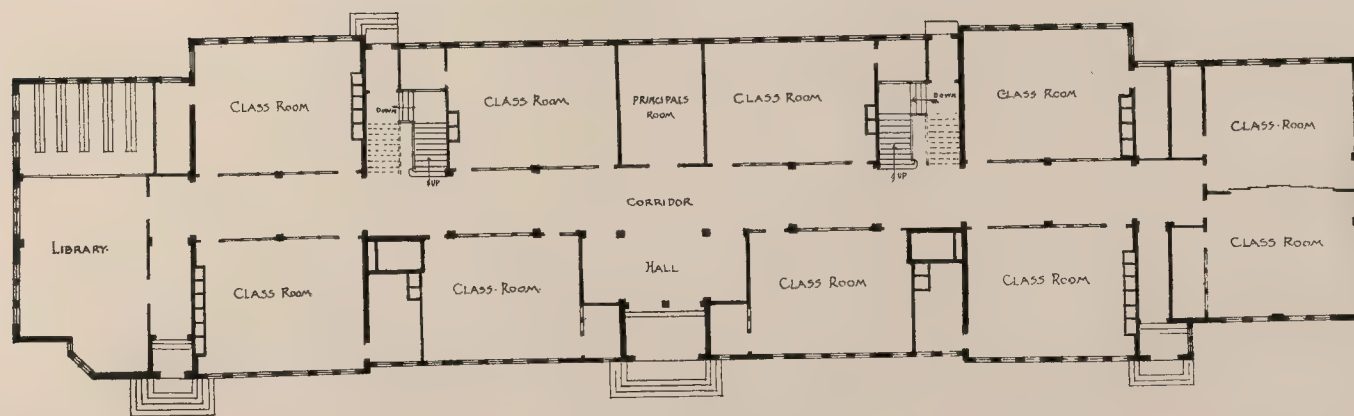
GLEN COVE UNION SCHOOL. Erected 1893. Cost, \$50,000.





·BASEMENT PLAN·

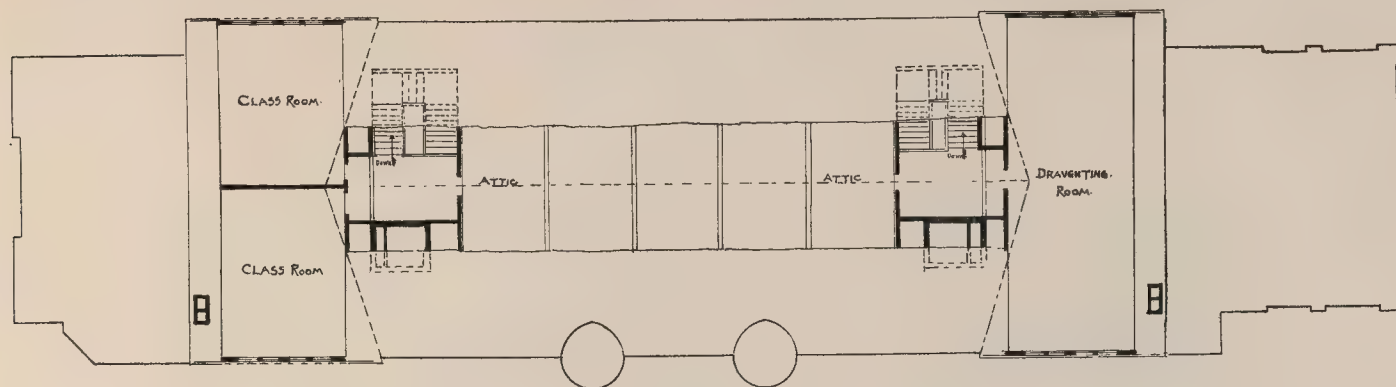
GLEN COVE UNION SCHOOL.



FIRST FLOOR PLAN

GLEN COVE UNION SCHOOL





THIRD FLOOR PLAN

GLEN COVE UNION SCHOOL



SECOND FLOOR PLAN

GLEN COVE UNION SCHOOL.

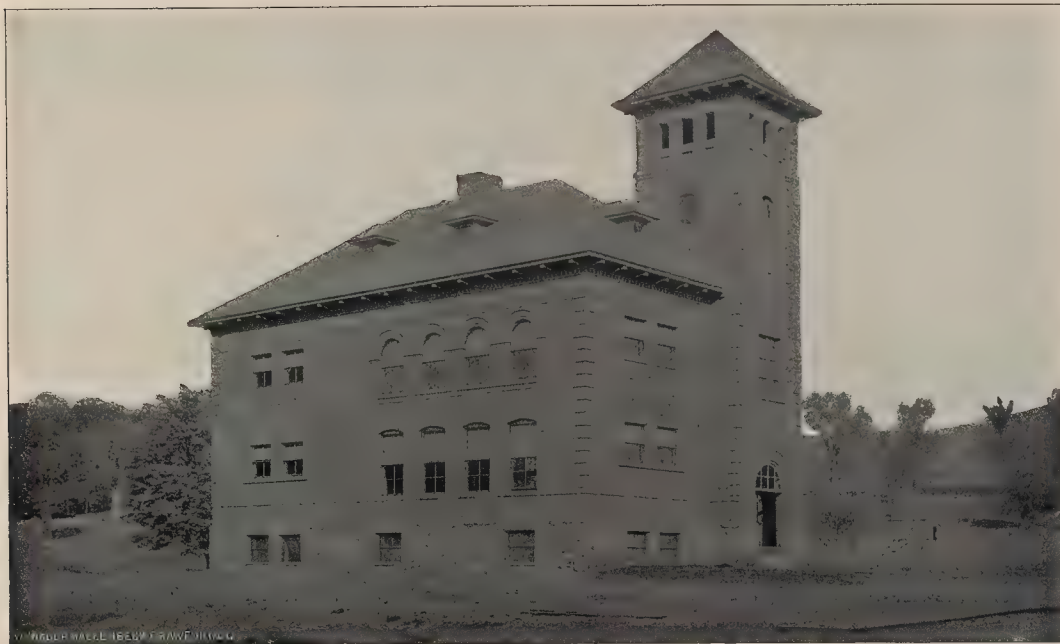






GLOVERSVILLE. Erected 1304. Cost, \$11,350.

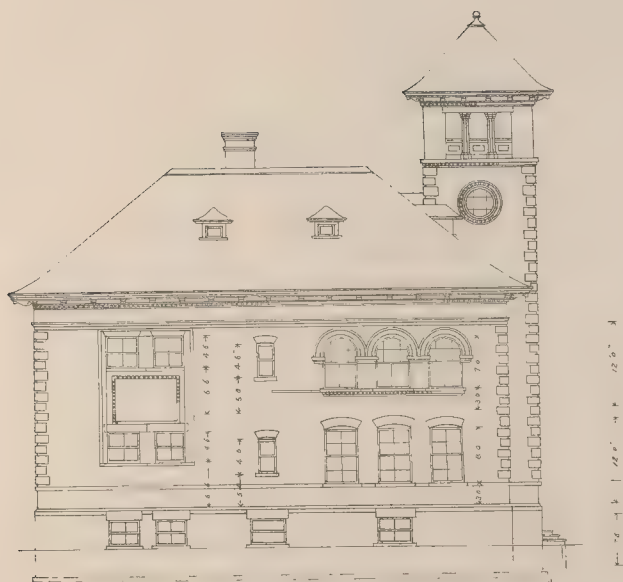




GLOVERSVILLE—LEXINGTON AVE. SCHOOL. Erected 1896. Cost, \$10,000.







SIDE ELEVATION

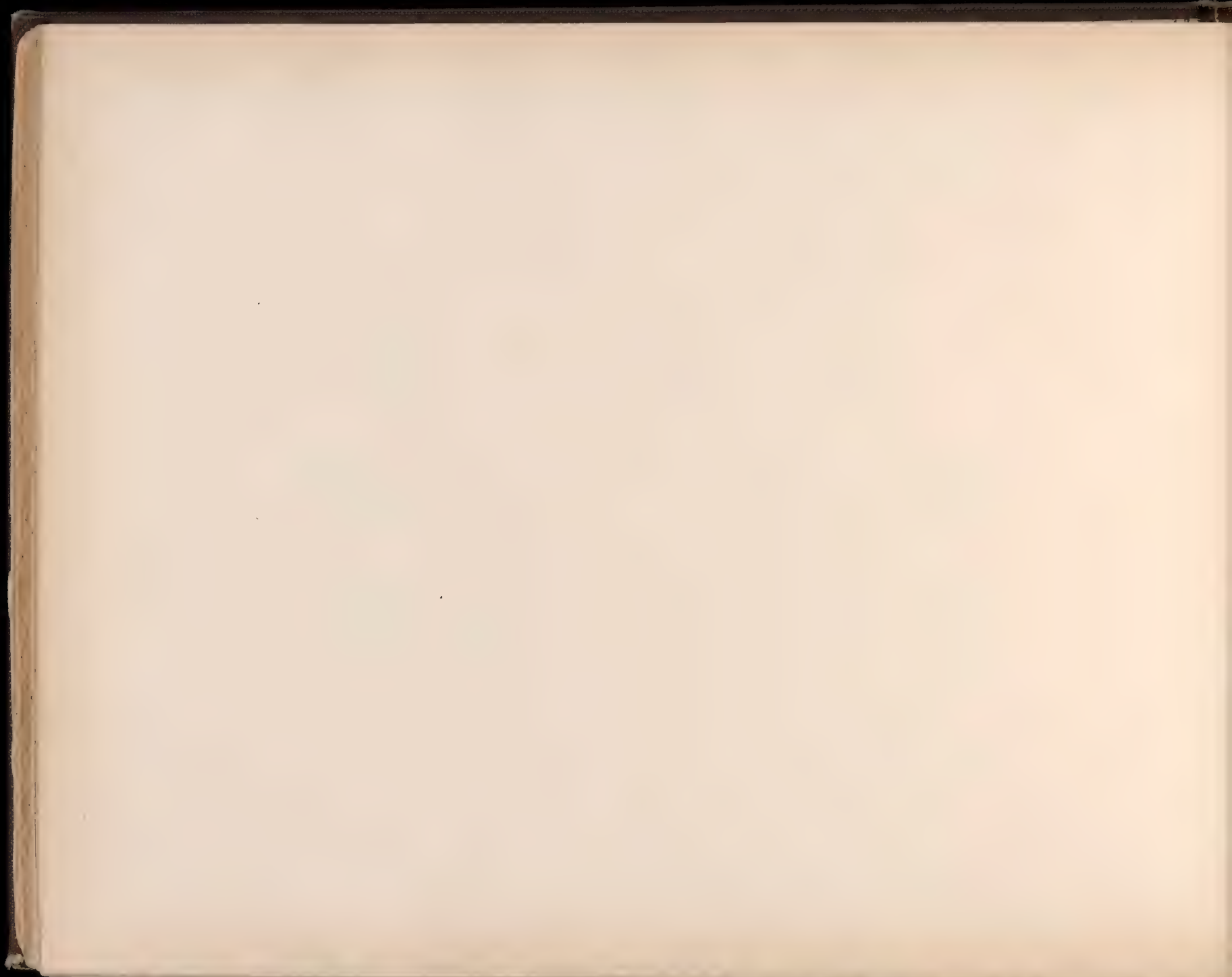
SCALE  $\frac{1}{8}'' = 10'$ 

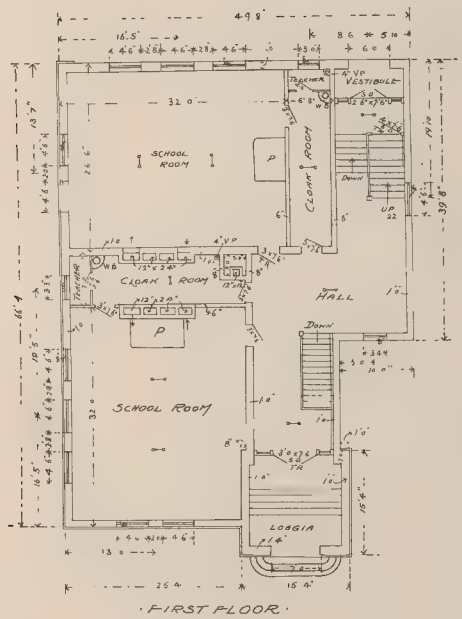
SCHOOL BUILDING  
AT GLOVERSVILLE, N.Y.



FRONT ELEVATION.

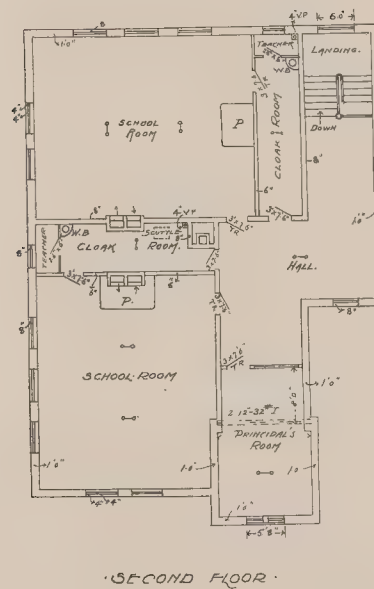
FULLER & WHEELER,  
ARCHITECTS, ALBANY, NY





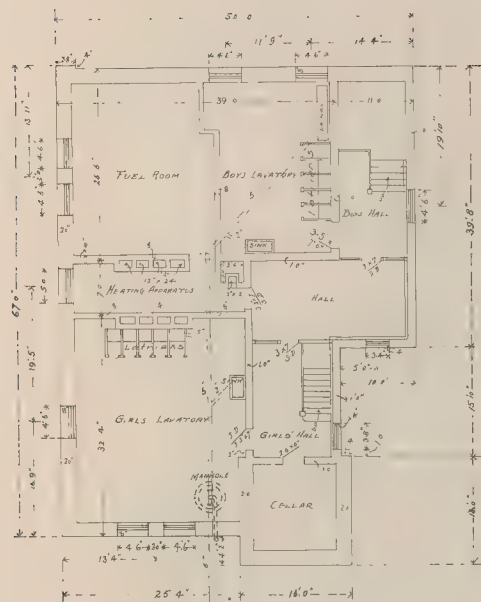
SCHOOL BUILDING  
AT GLOVERSVILLE, N.Y.

SCALE:  $\frac{1}{8}'' = 1'-0''$



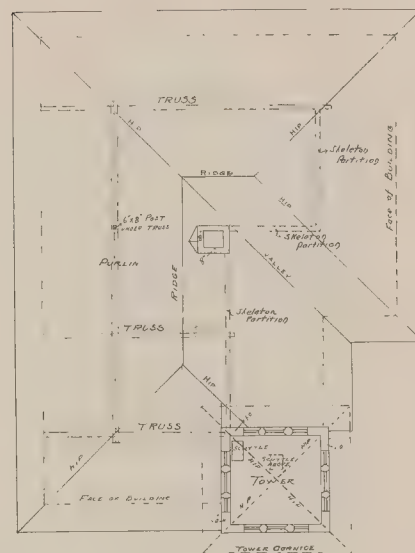
FULLER & WHEELER,  
ARCHITECTS, ALBANY, N.Y.





BASEMENT.  
SCHOOL BUILDING  
AT GLOVERSVILLE, N.Y.

SCALE  $\frac{1}{8}" = 1'$



ROOF PLAN.

Fuller & Wheeler  
Architects, Albany, N.Y.





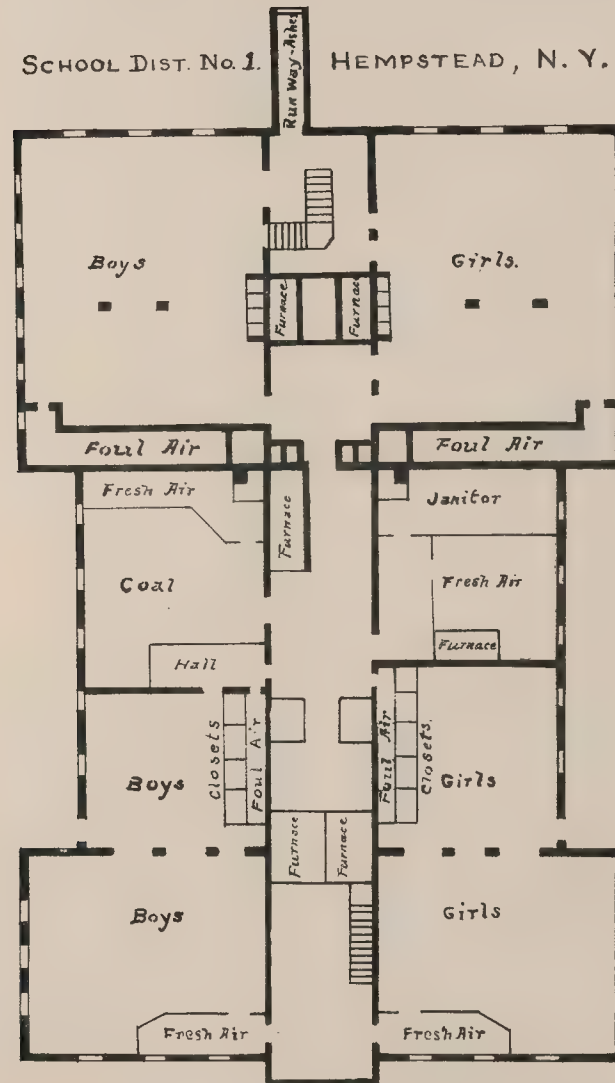


HEMPSTEAD—SCHOOL NO. 1. Erected { 1889. } Cost. } \$24,500.  
 { 1895. } { \$10,500.

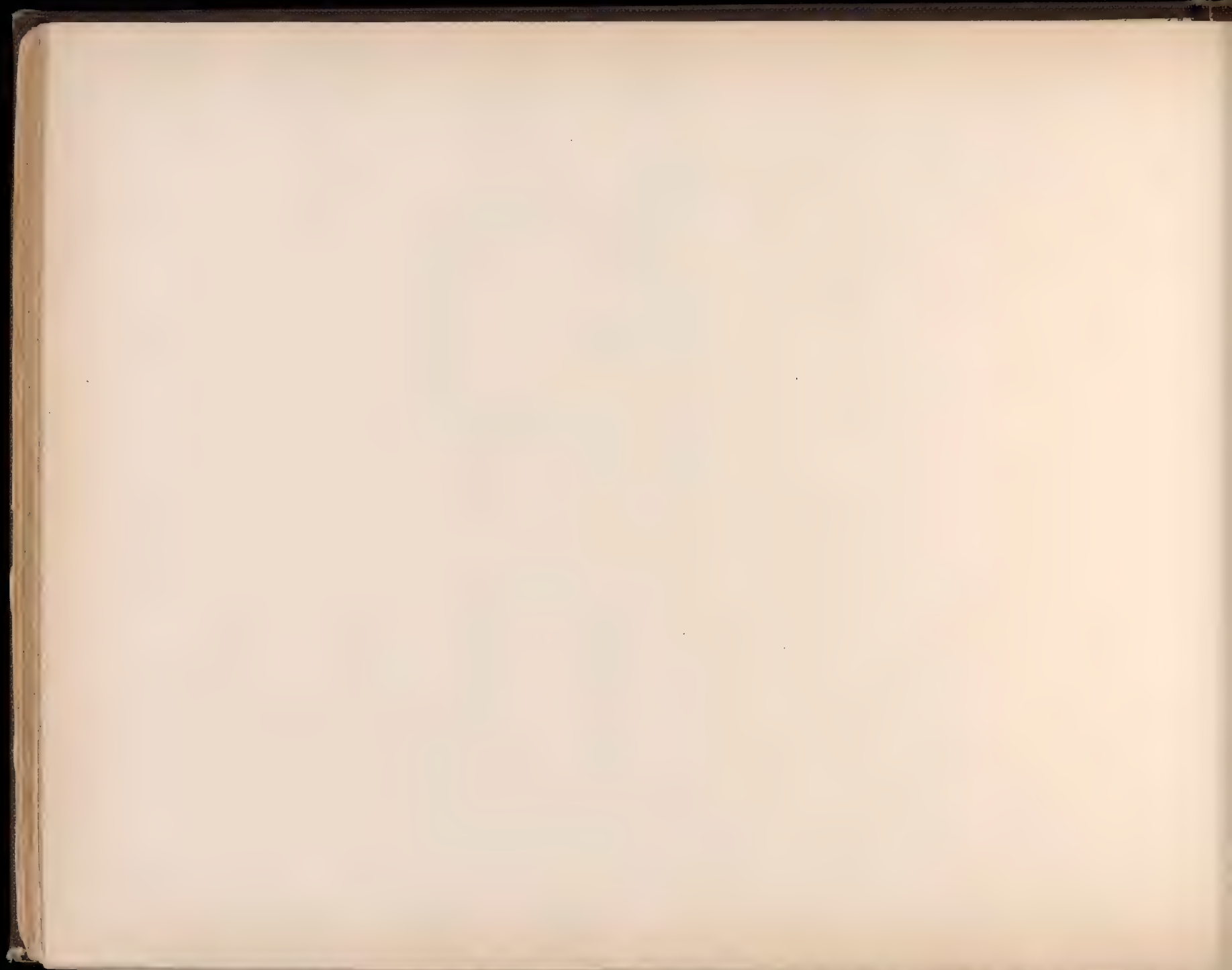


SCHOOL DIST. No. 1.

HEMPSTEAD, N. Y.



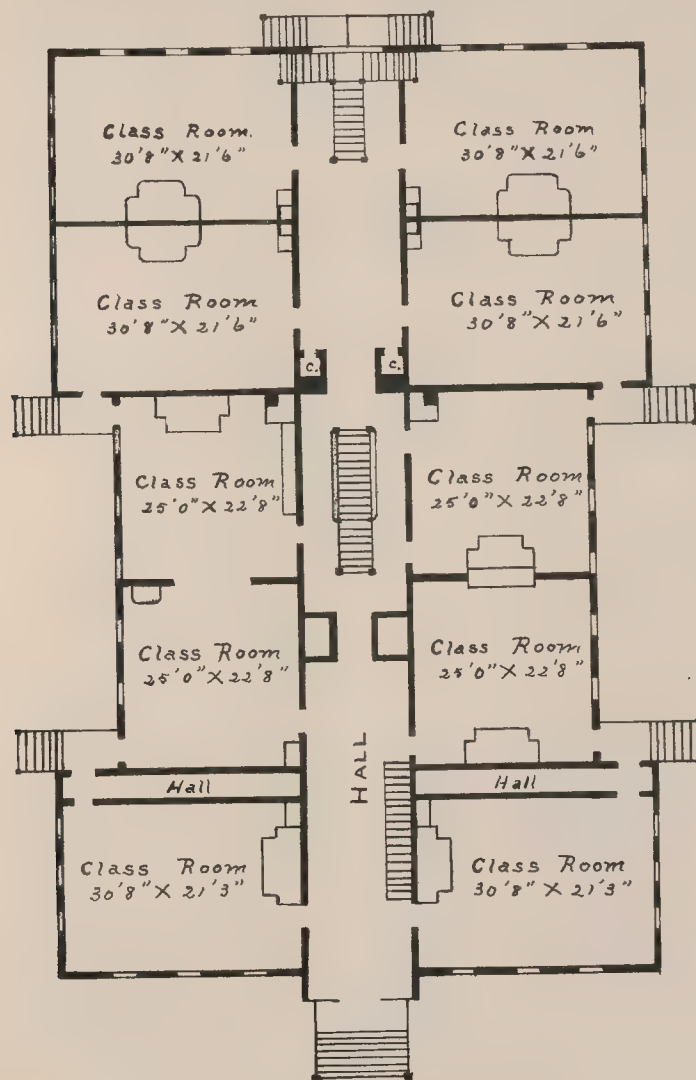
BASEMENT PLAN.



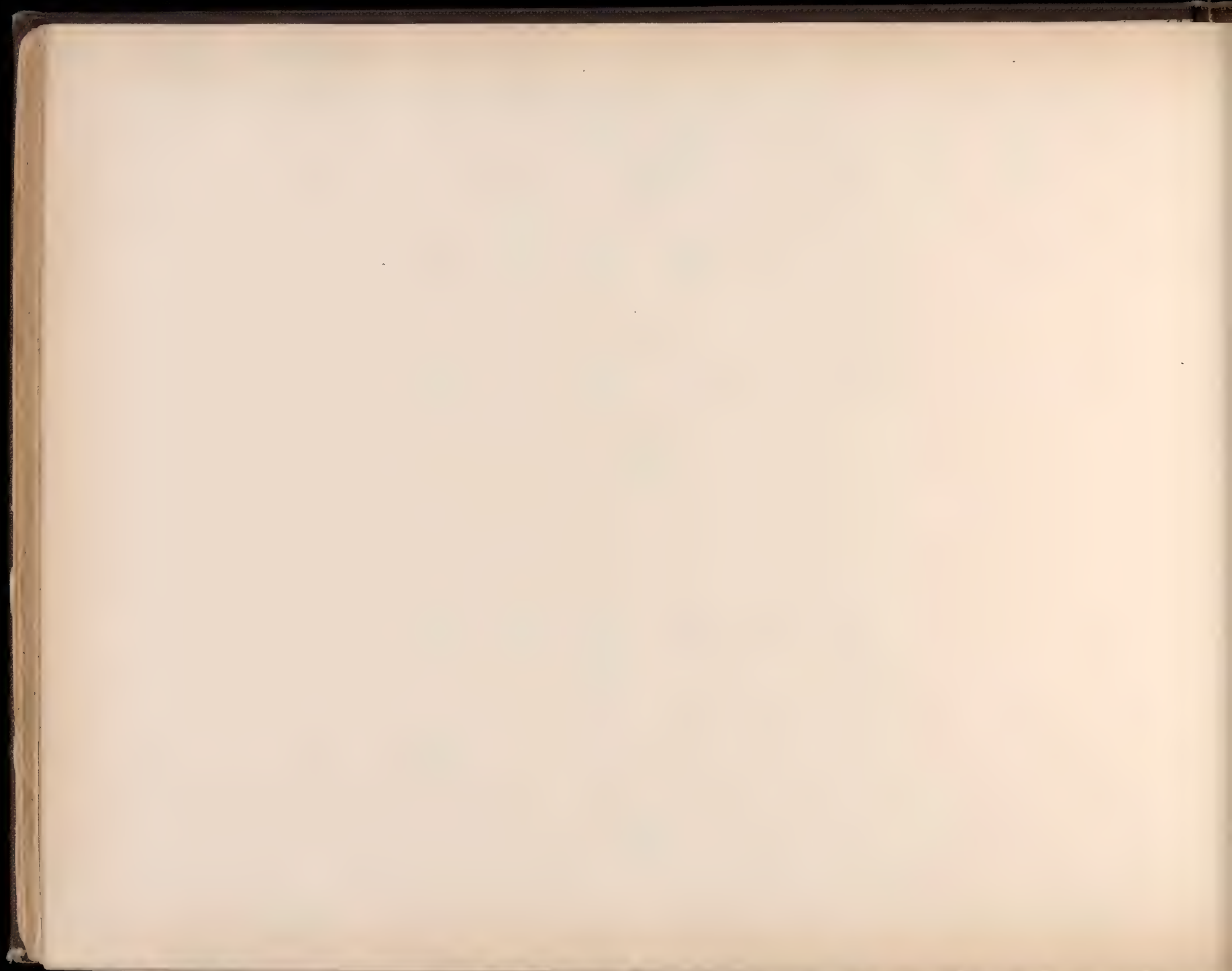


SCHOOL DIST. No. 1.

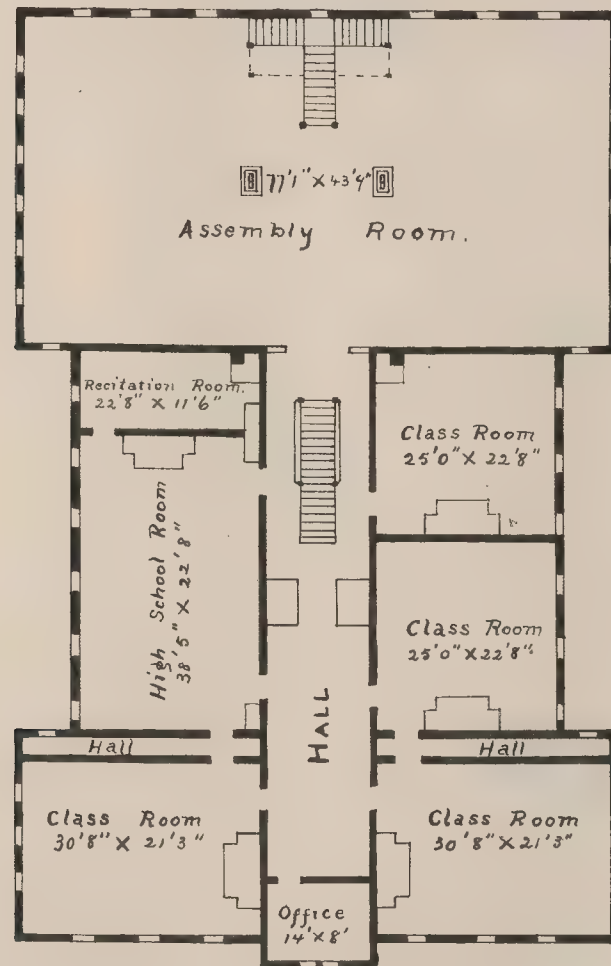
HEMPSTEAD, N. Y.



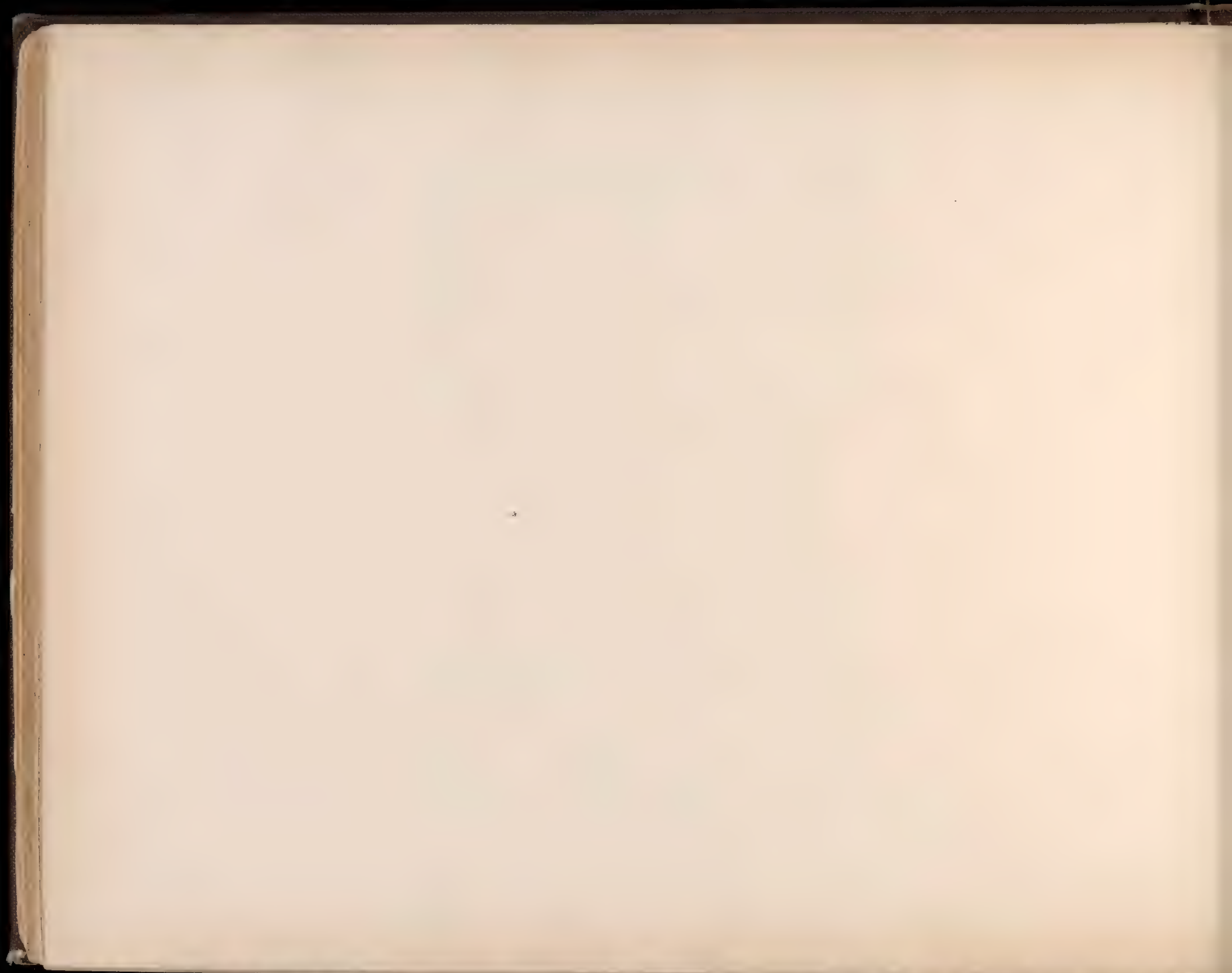
FIRST FLOOR PLAN.



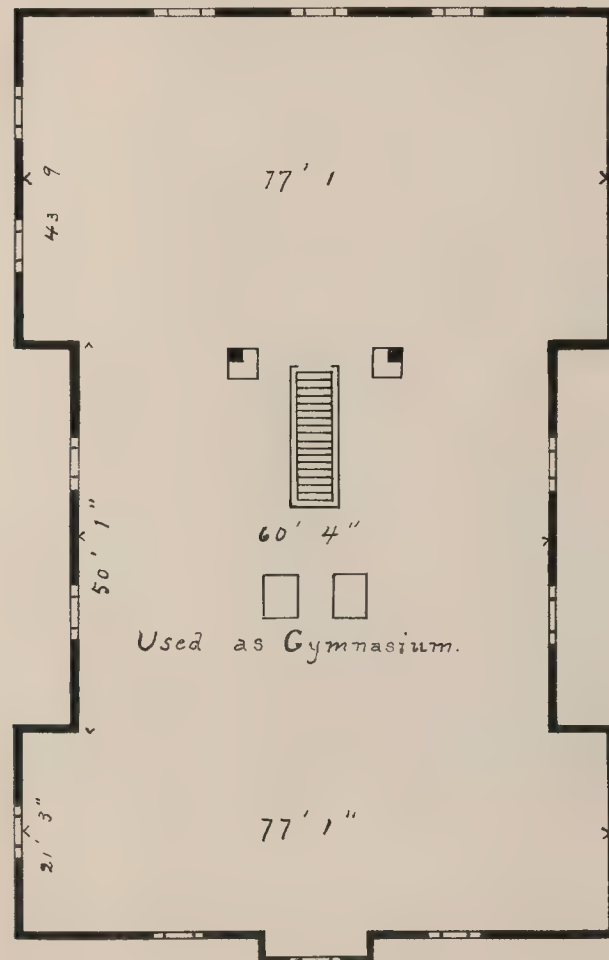
## SCHOOL DIST. NO. 1. HEMPSTEAD, N. Y.



SECOND FLOOR PLAN.



## SCHOOL DIST. No. 1. HEMPSTEAD, N. Y.



THIRD FLOOR PLAN.

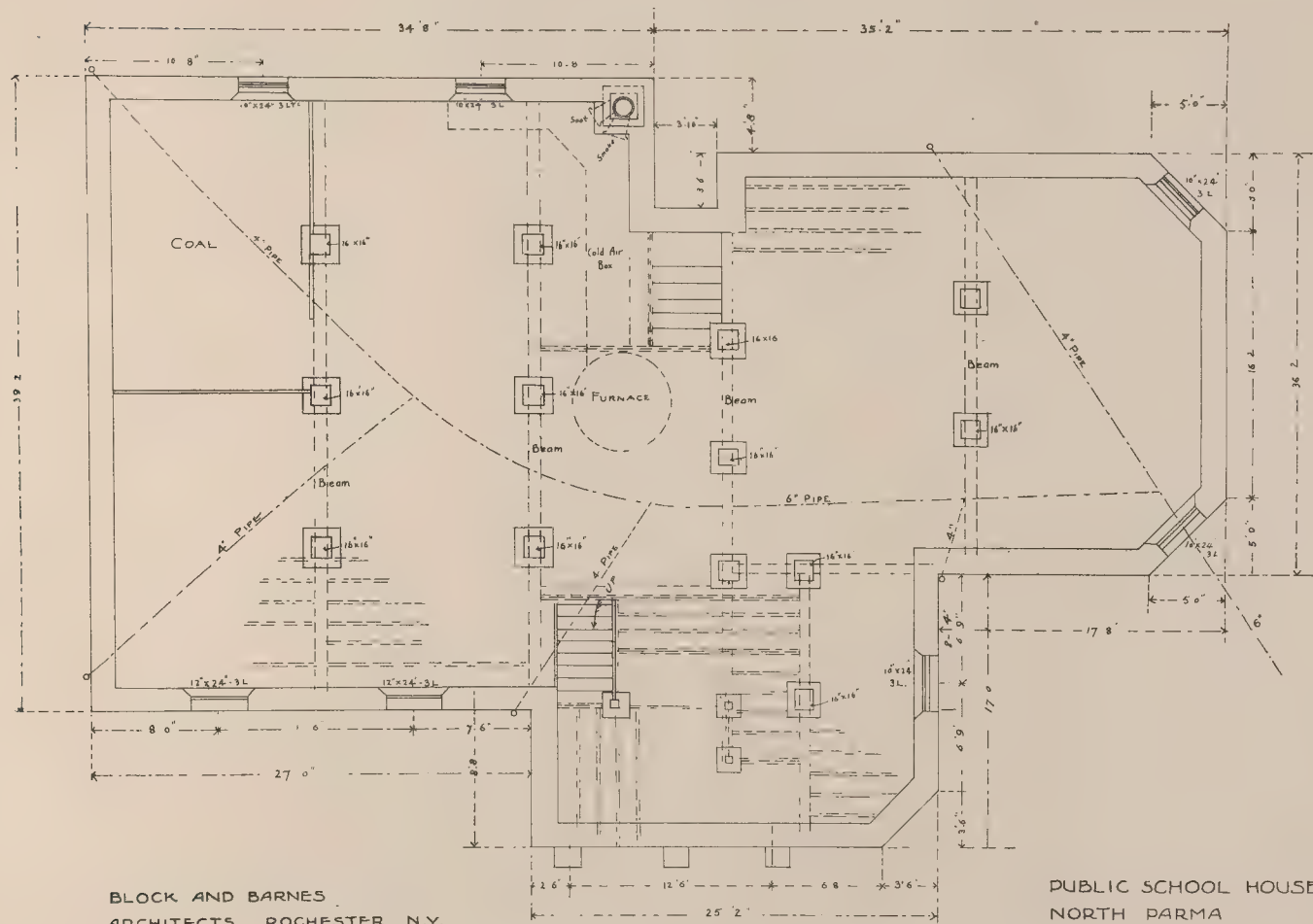






HILTON UNION SCHOOL. Erected 1882. Cost, \$6,000.





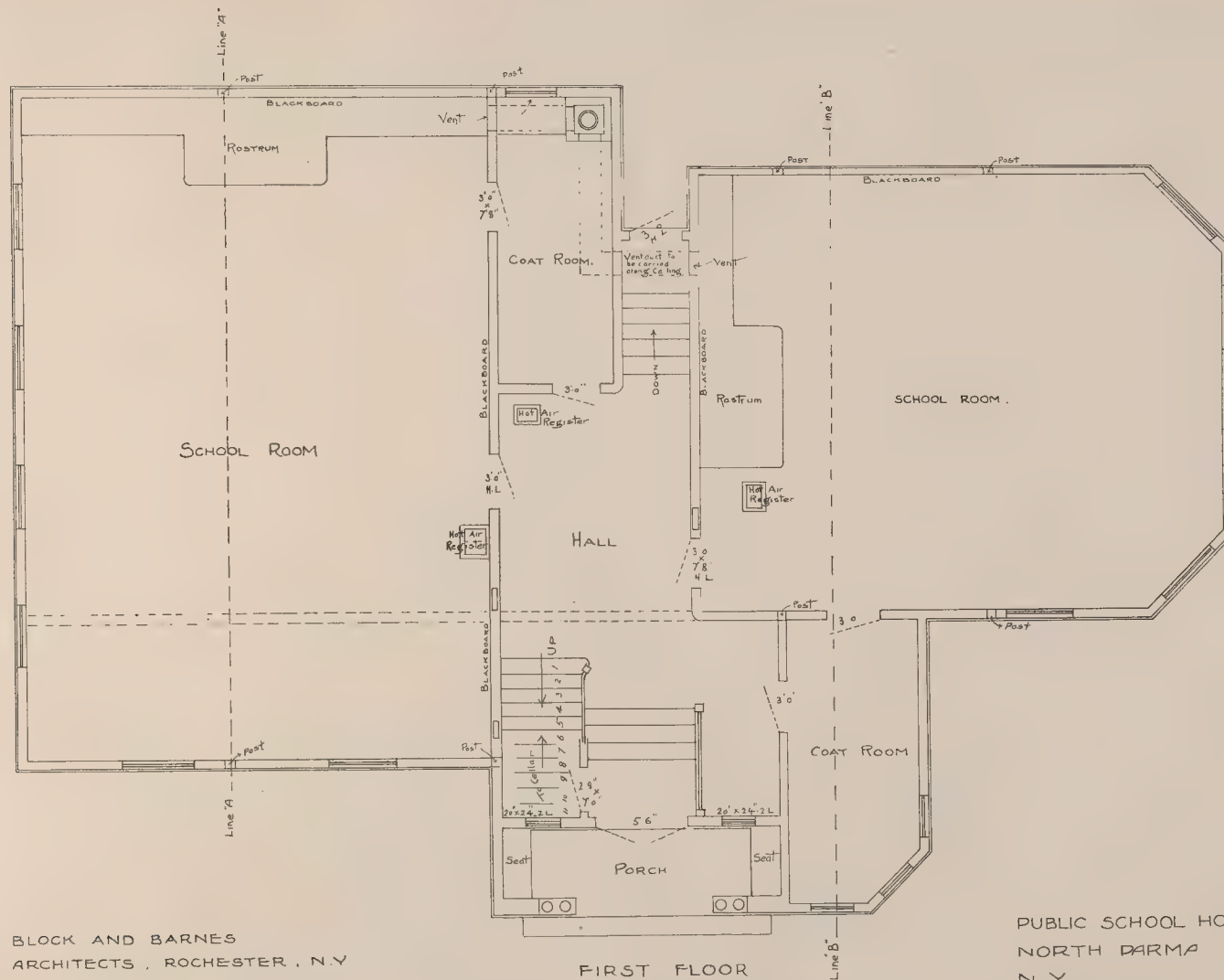
BLOCK AND BARNES  
ARCHITECTS, ROCHESTER, N.Y.

FOUNDATION PLAN  
SCALE,  $\frac{1}{4}$ " = 1' FT  
HILTON UNION SCHOOL.

PUBLIC SCHOOL HOUSE  
NORTH PARMA  
N. Y.







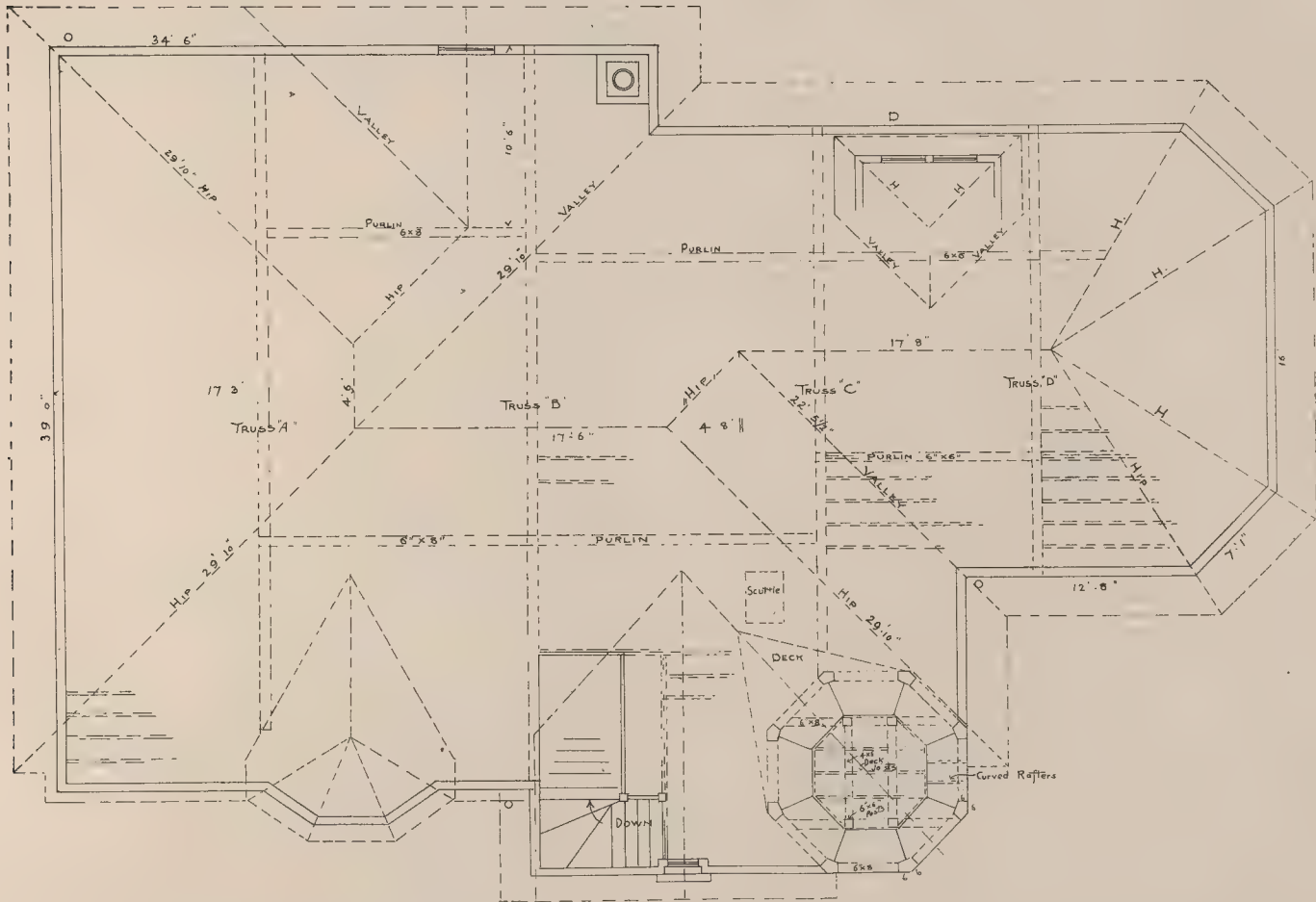
BLOCK AND BARNES  
ARCHITECTS, ROCHESTER, N.Y.

FIRST FLOOR  
SCALE,  $\frac{1}{4}$ " = 1 FT

HILTON UNION SCHOOL.

PUBLIC SCHOOL HOUSE  
NORTH PARMA  
N.Y.





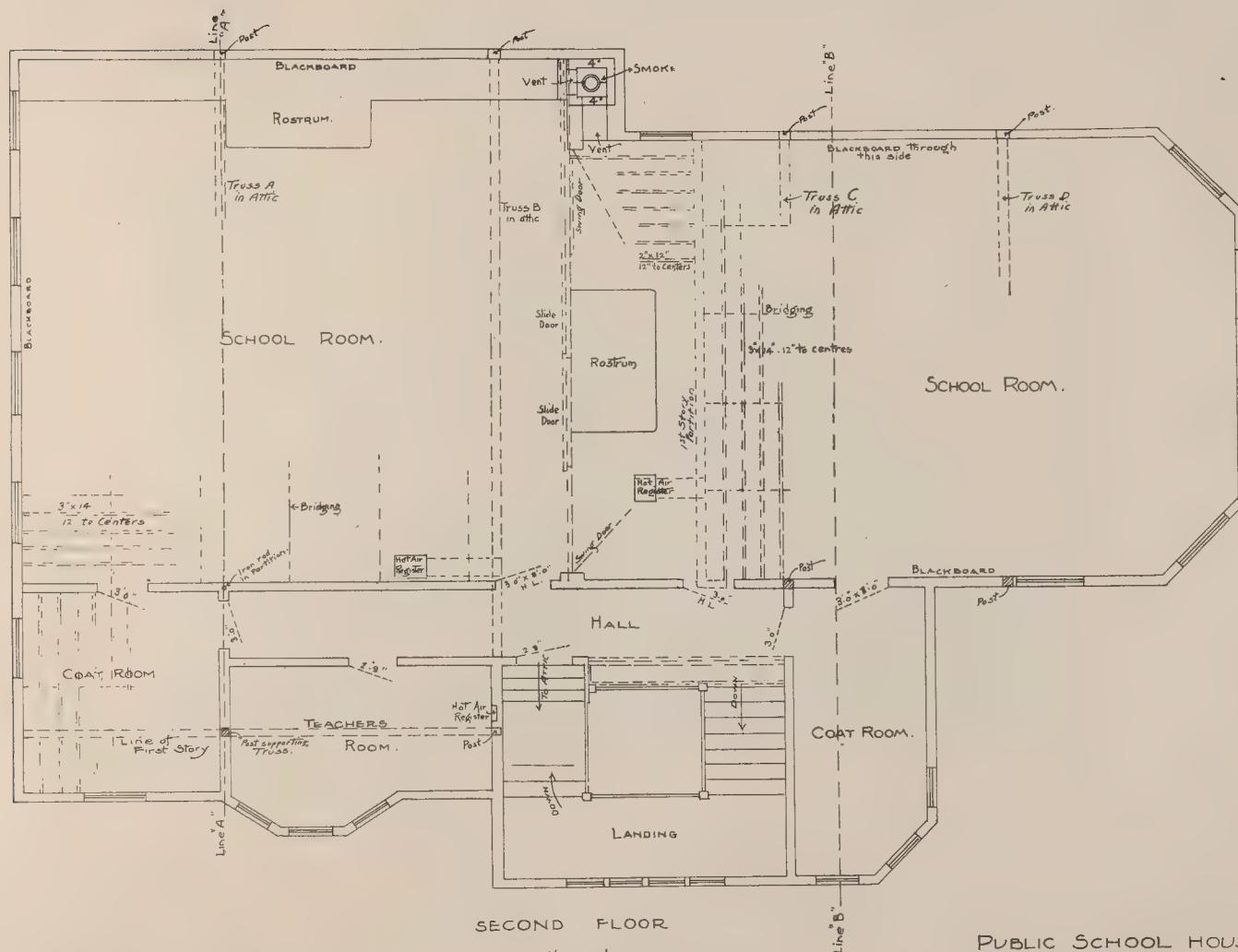
BLOCK AND BARNES  
ARCHITECTS, ROCHESTER, N.Y.

ATTIC FLOOR SHOWING  
PLAN OF ROOF

SCALE,  $\frac{1}{4}$  IN. = 1 FT  
HILTON UNION SCHOOL.

PUBLIC SCHOOL HOUSE-  
NORTH PARMA  
N.Y.





SECOND FLOOR

SCALE,  $\frac{1}{4}$  IN = 1 FT.

BLOCK AND BARNES,  
ARCHITECTS, ROCHESTER, N.Y.

HILTON UNION SCHOOL.

PUBLIC SCHOOL HOUSE  
NORTH PARMA  
N.Y.

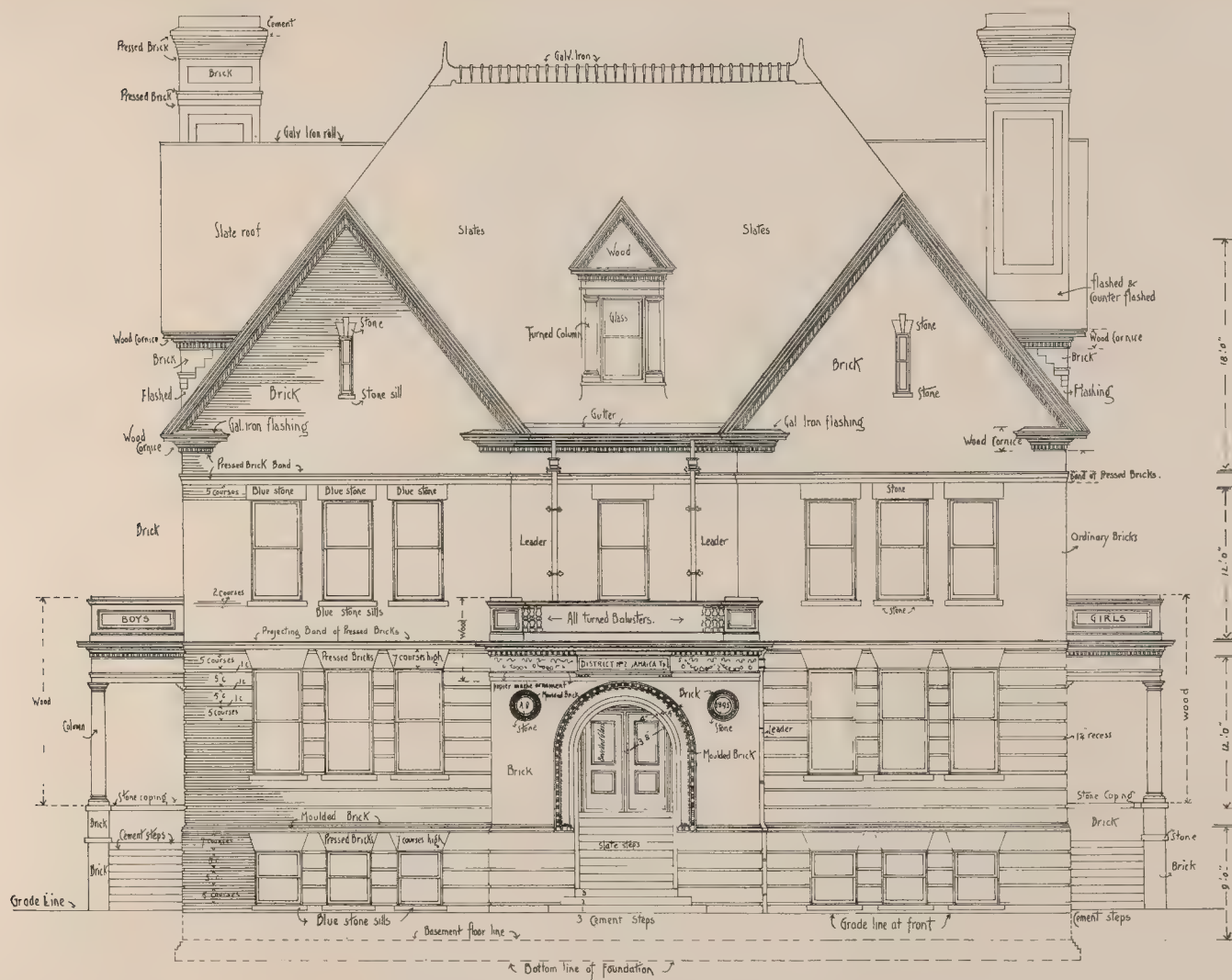






HOLLIS UNION SCHOOL. Erected 1896. Cost, \$20,000.





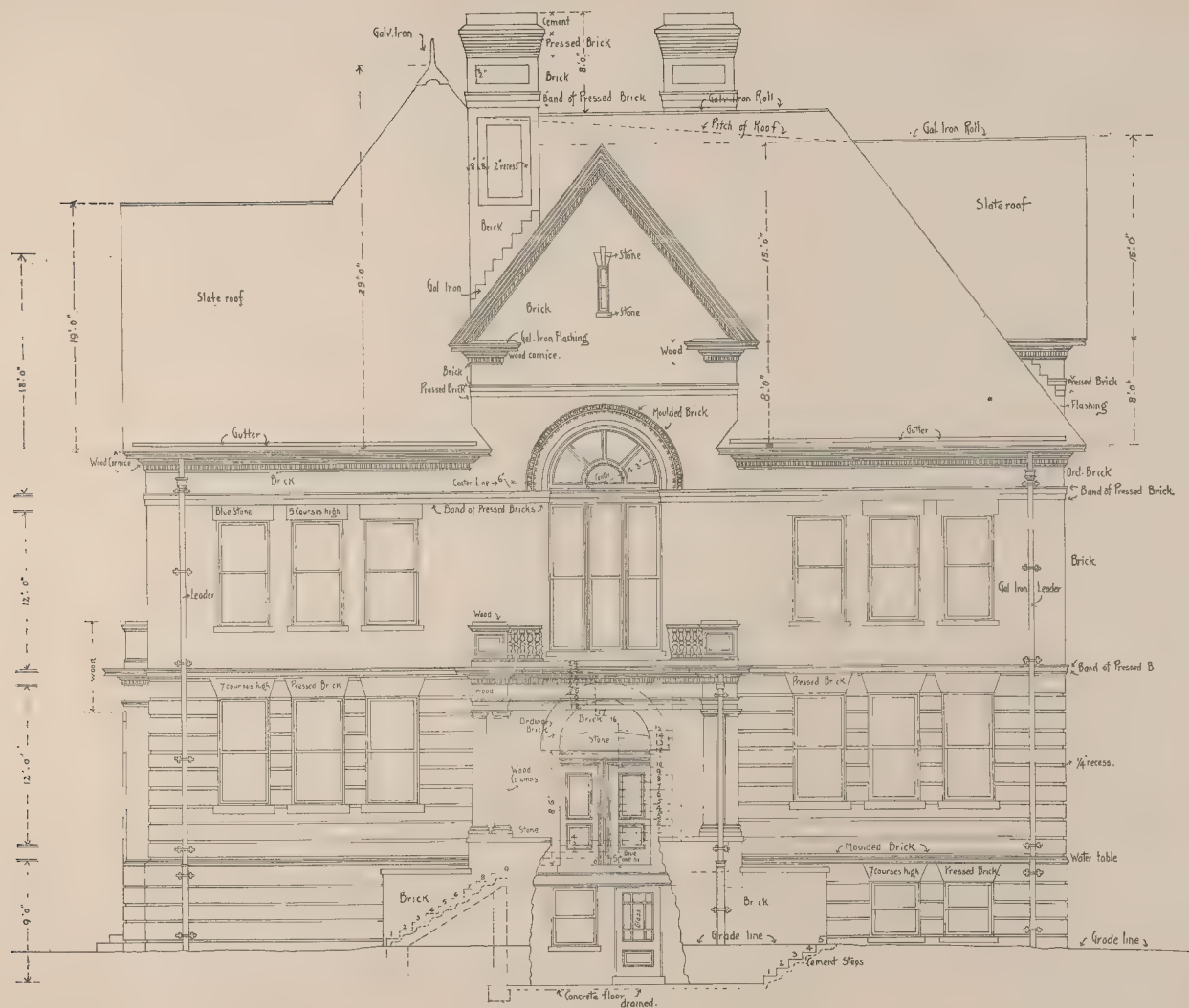
SCALE,  $\frac{1}{4}$  INCH = 1 FOOT

FRONT ELEVATION  
HOLLIS UNION SCHOOL ~ 1896

PIERCE & BRUN, ARCH'TS  
114 FIFTH AVE. NEW YORK CITY







SCALE,  $\frac{1}{4}$  INCH = 1 FOOT.

· SIDE ELEVATION ·  
· HOLLIS UNION SCHOOL ~ 1896 ·

PIERCE & BRUN, ARCH'TS  
114, FIFTH AVE., NEW YORK CITY.









SCALE, 1/4 INCH = 1 FOOT.

· REAR · ELEVATION ·  
 HOLLIS UNION SCHOOL — 1896 ·

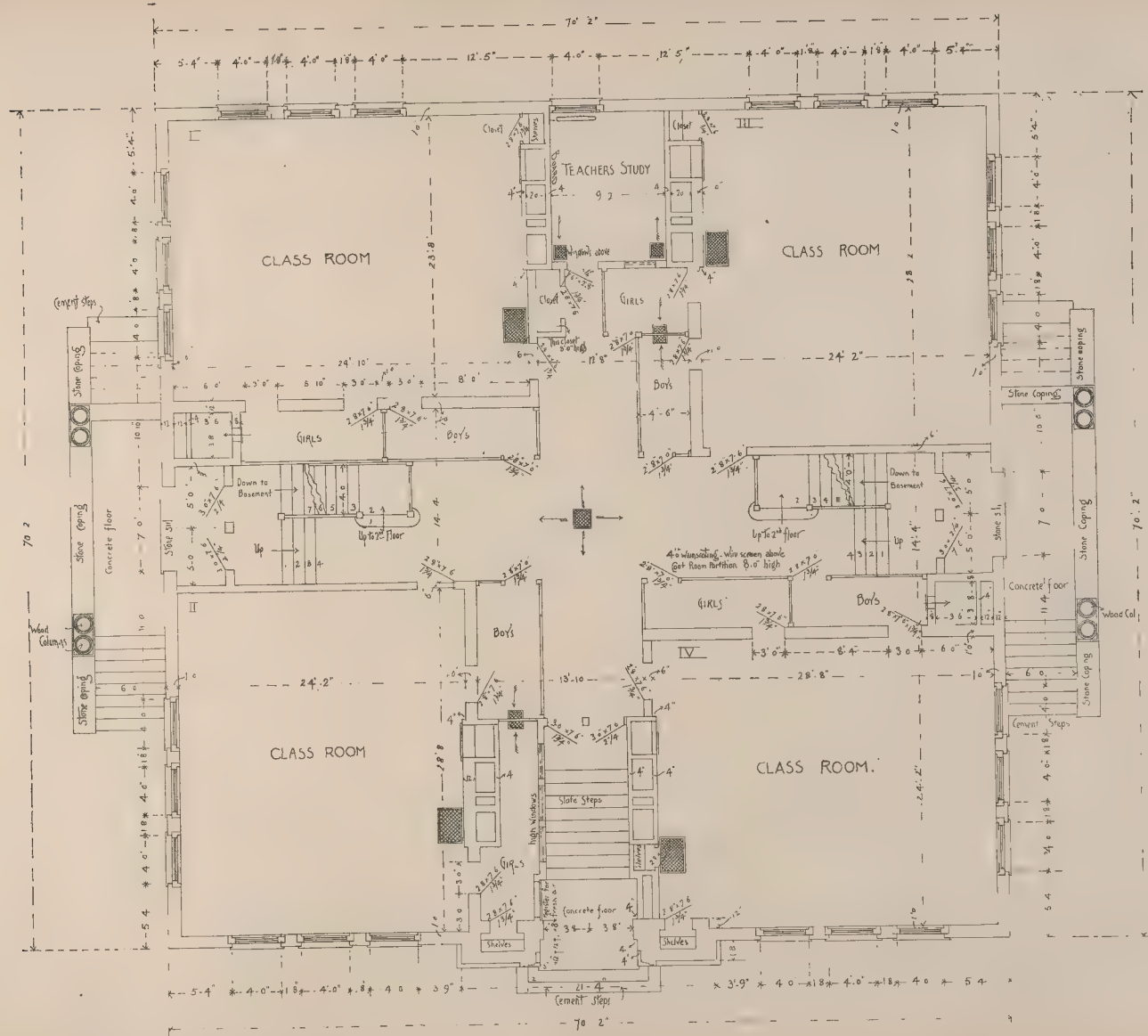
PIERCE & BRUN, ARCH'TS,  
 114, FIFTH AVE., NEW YORK CITY.









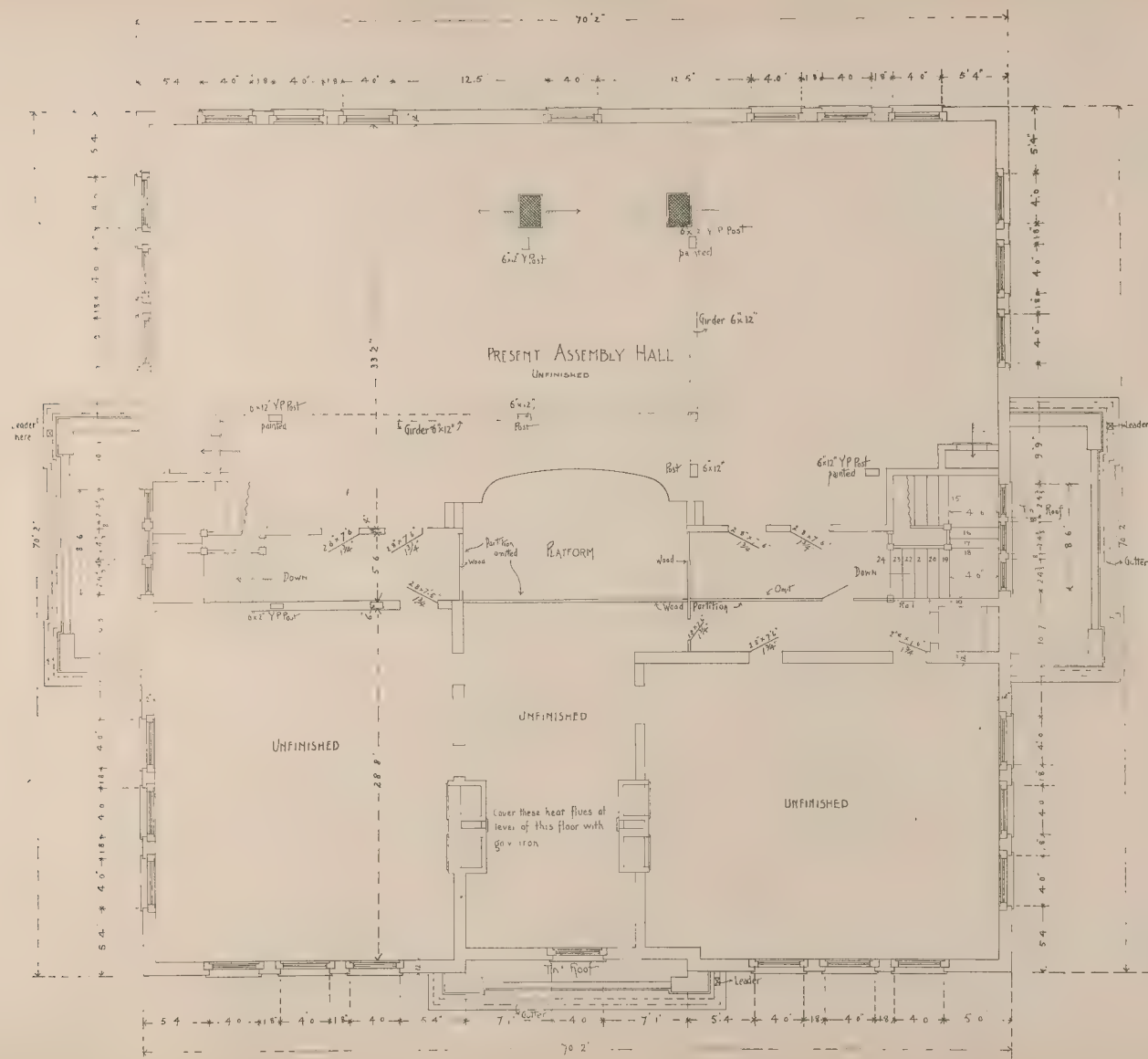
SCALE,  $\frac{1}{4}$  INCH = 1 FOOT.

FIRST FLOOR PLAN  
 HOLLIS UNION SCHOOL 1896

PIERCE & BRUN, ARCHTS.  
 114, FIFTH AVE, NEW YORK CITY







SCALE,  $\frac{1}{4}$  INCH = 1 FOOT

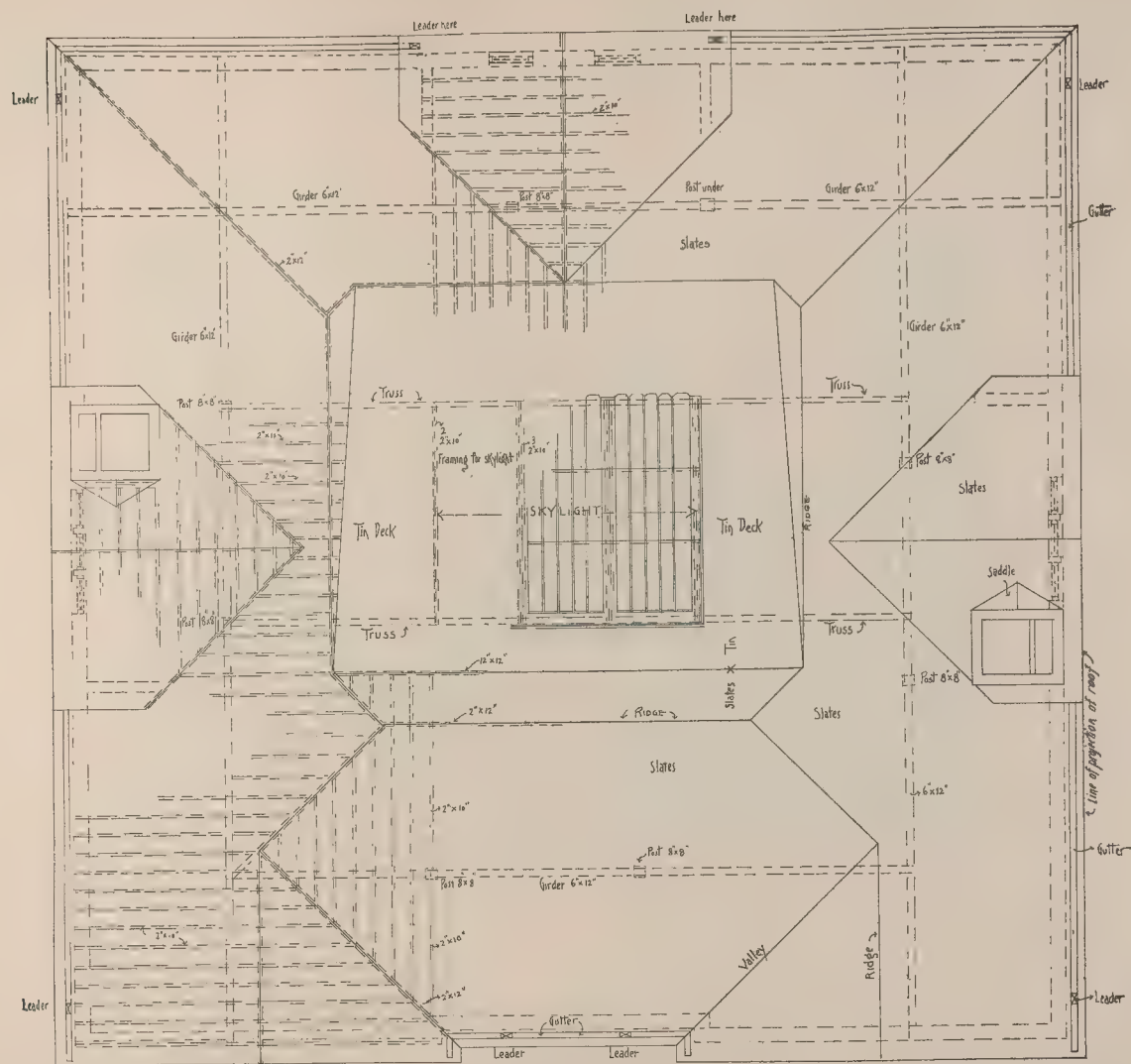
SECOND · FLOOR · PLAN ·

· HOLLIS UNION, SCHOOL ~ 1896 ·

PIERCE & BRUN ARCH'TS

114, FIFTH AVE NEW YORK CITY





SCALE 1/4 INCH = 1 FOOT

· ROOF PLAN ·  
· HOLLIS UNION SCHOOL — 1896 ·

· PIERCE & BRUN, ARCH'TS ·  
· 114, FIFTH AVE, NEW YORK CITY ·





HORNELLVILLE—COLUMBIAN SCHOOL. Erected 1896. Cost, \$20,000.







OTIS DOCKSTADER } ARCHITECTS  
J.H. CONSIDINE } ELMIRA, N.Y.





*SOUTH SIDE ELEVATION.*

OTIS DOCKSTADER } ARCHITECTS  
J H. CONSIDINE } ELMIRA, N Y

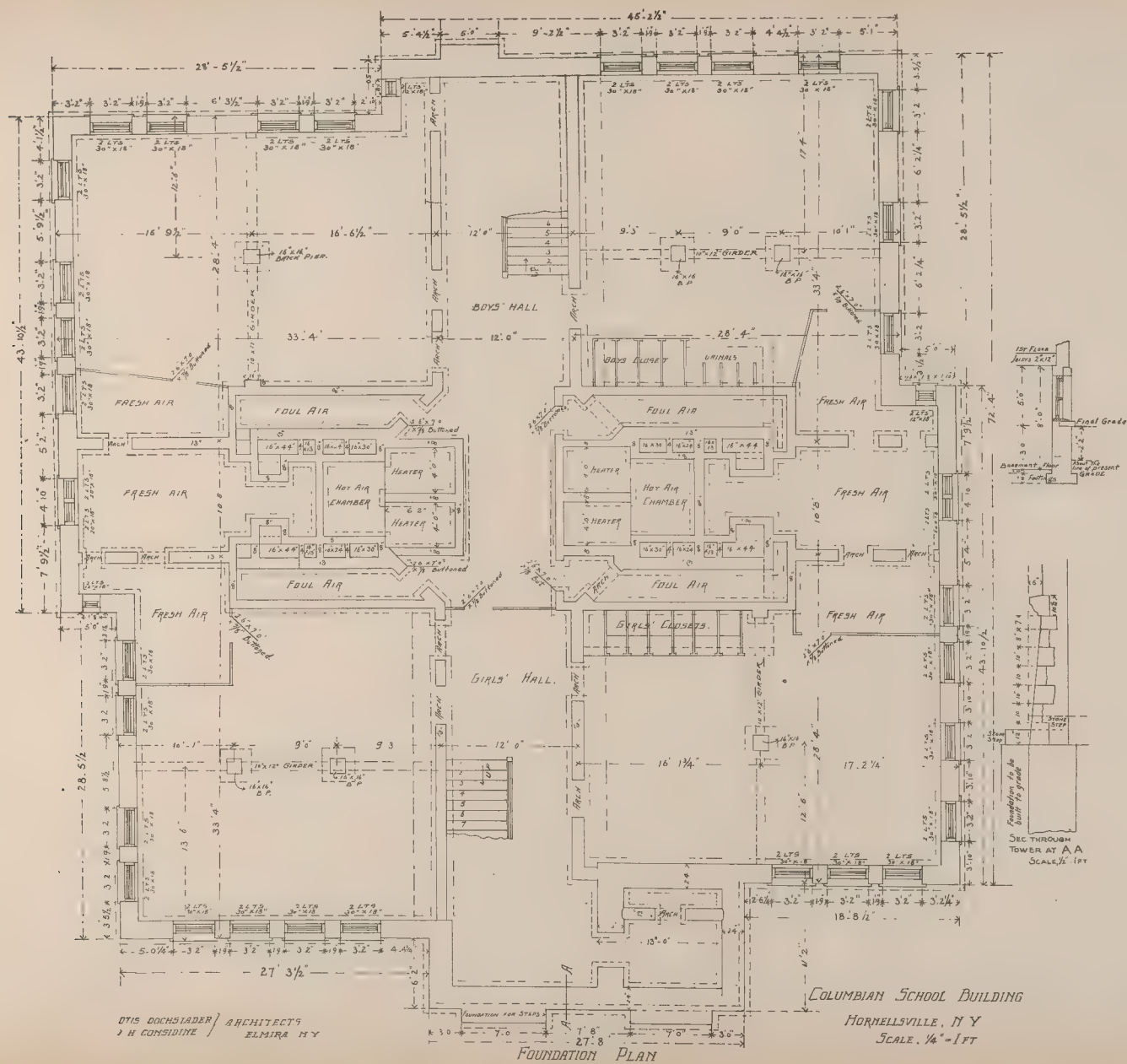
COLUMBIAN SCHOOL BUILDING.

HORNELLVILLE, N. Y.

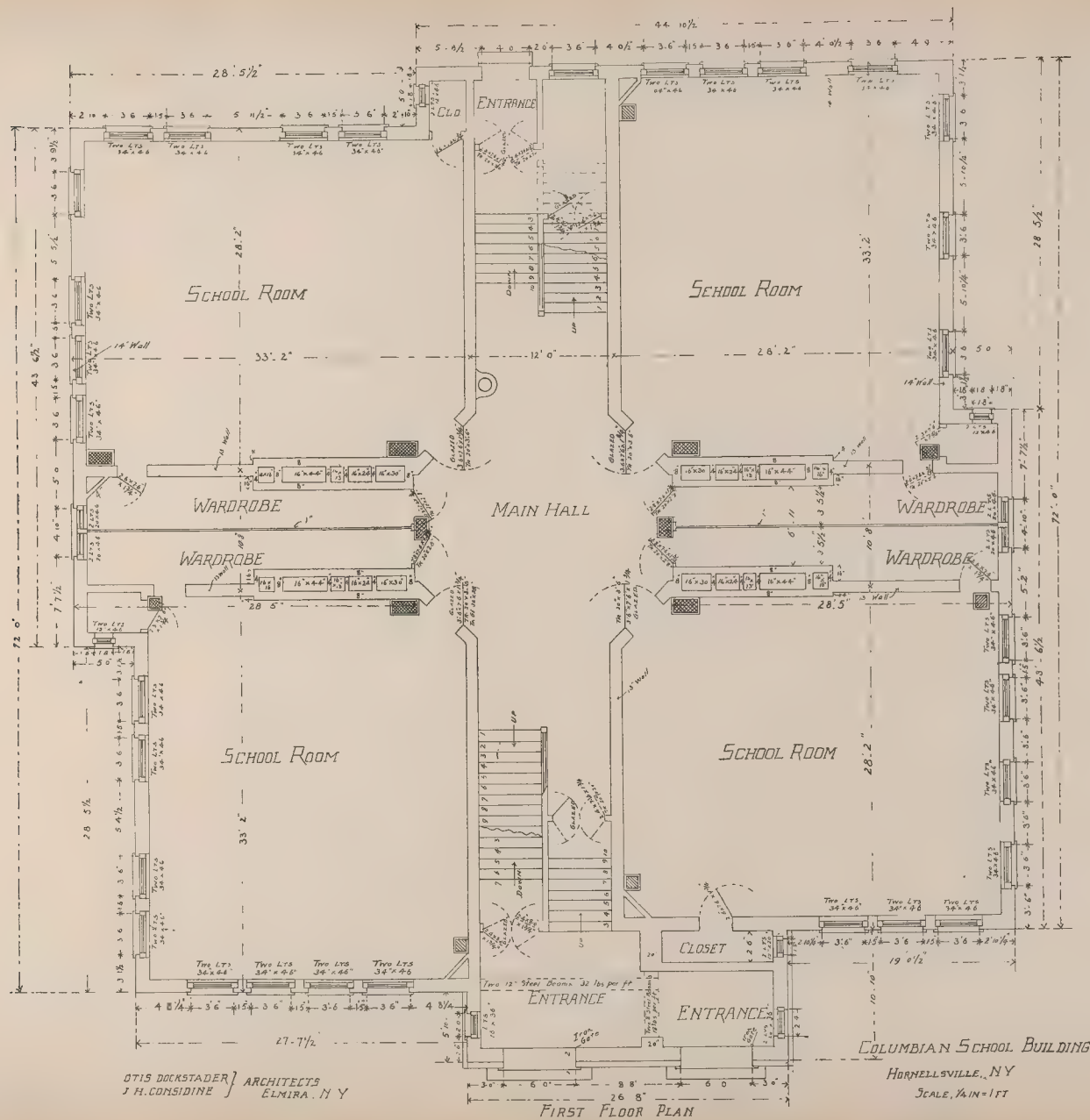
SCALE.  $\frac{1}{4}$ " = 1 FT.





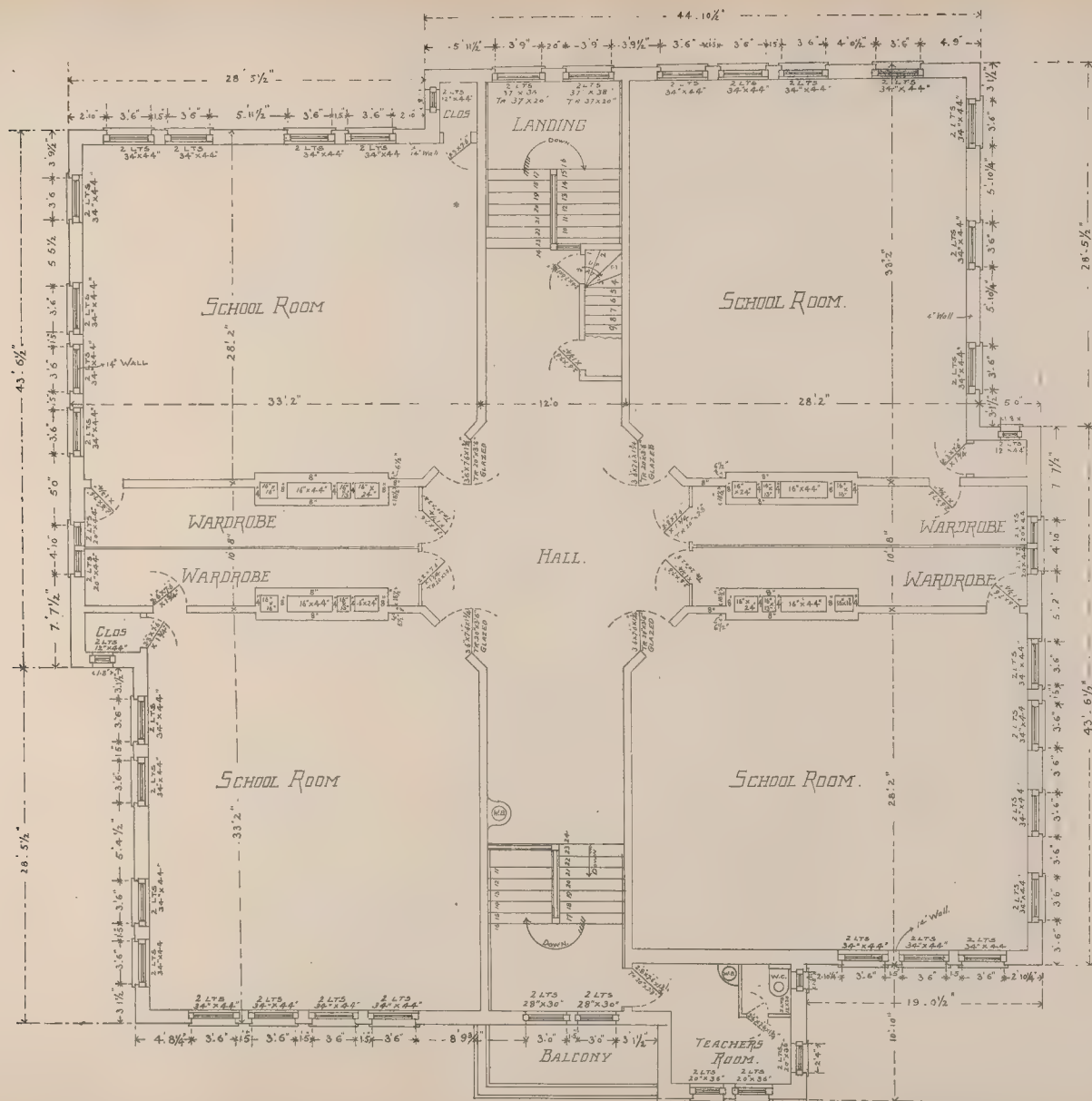






OTIS DOCKSTADER } ARCHITECTS  
J. H. CONSIDINE } ELMIRA, N. Y.





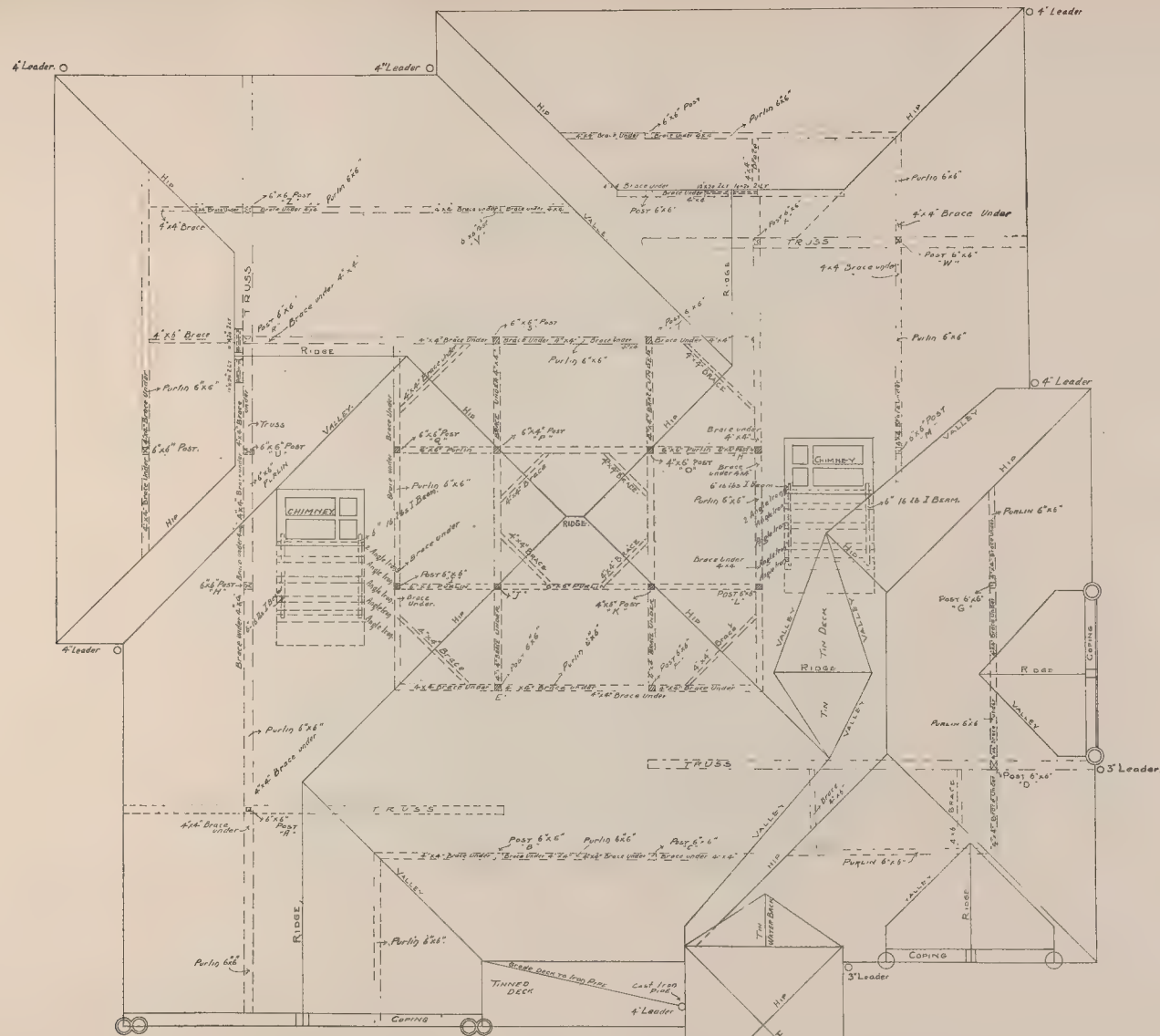
OTIS DOCKSTADER / ARCHITECTS  
J H CONSIDINE / ELmira, N.Y.

SECOND FLOOR PLAN

COLUMBIAN SCHOOL BUILDING  
HORNELLSVILLE, N.Y.  
SCALE 1/4" = 1 FT.







OTIS DECKSTADER / ARCHITECTS  
J. H. CONSIDINE / ELmira, N. Y.

ROOF PLAN.

COLUMBIAN SCHOOL BUILDING.  
HORNELLVILLE, N. Y.  
SCALE 1/4" = 1 FT





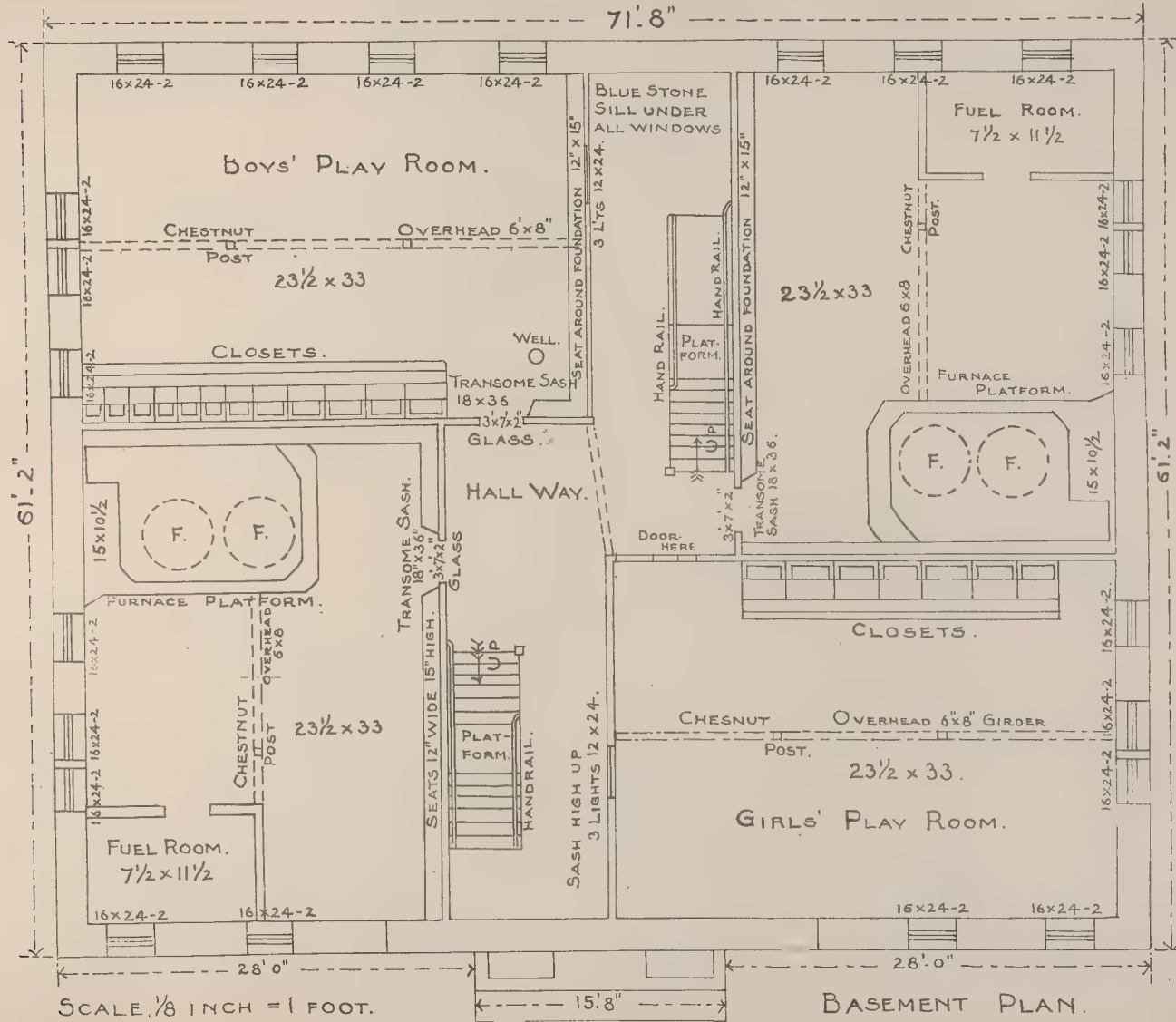
HUNTER UNION SCHOOL. Erected 1896. Cost, \$16,500.



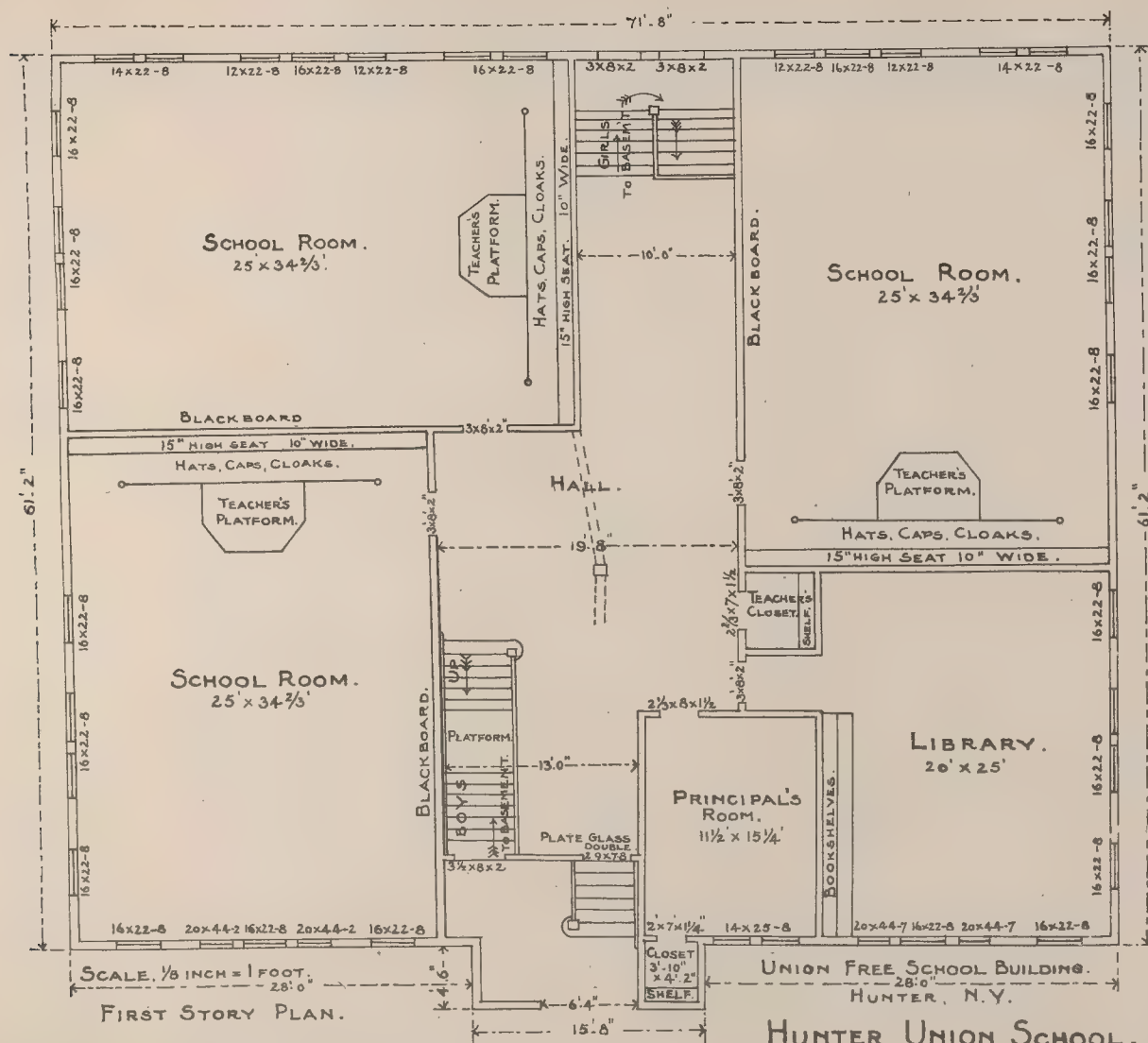


## HUNTER UNION SCHOOL

71'-8"

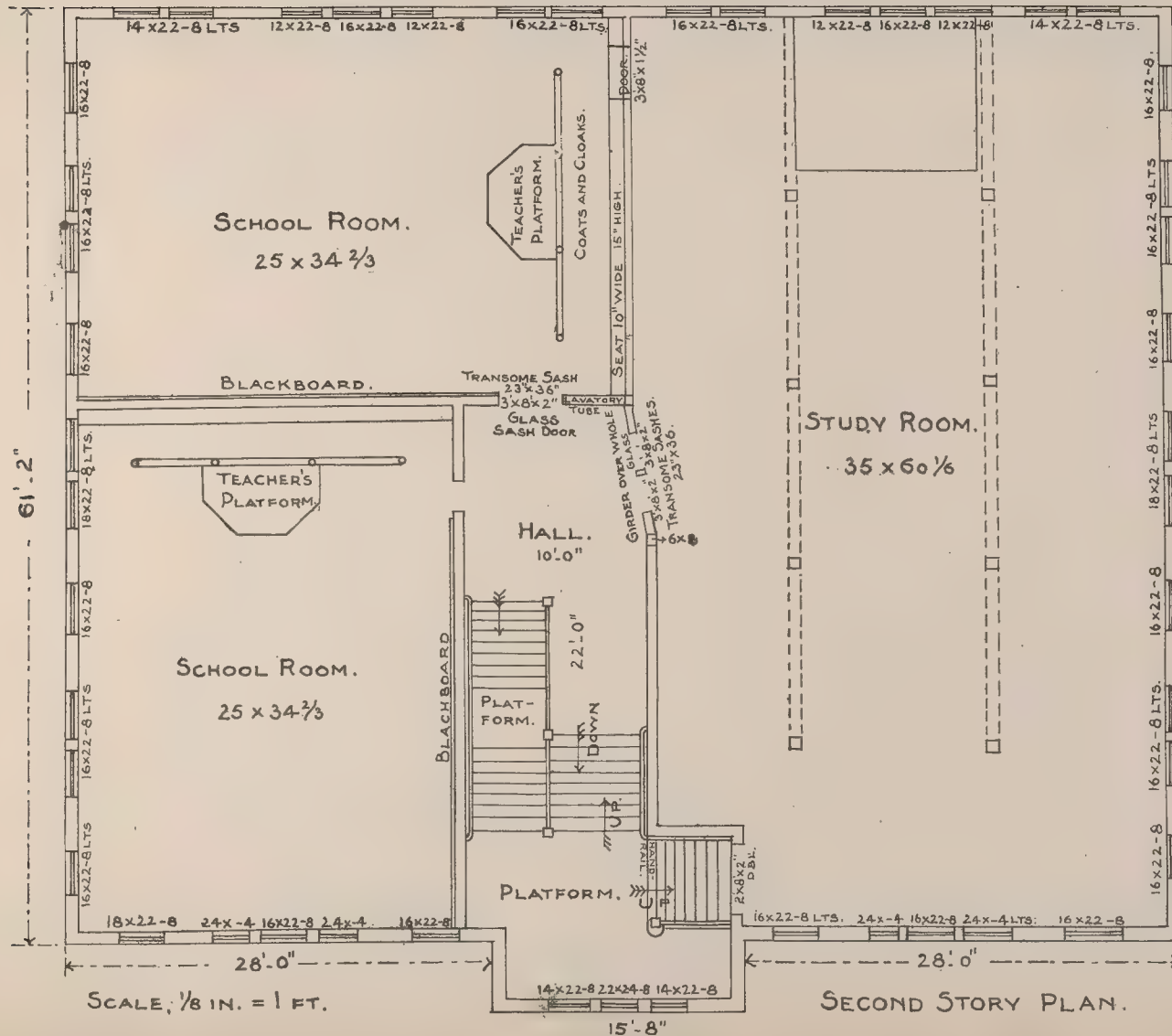








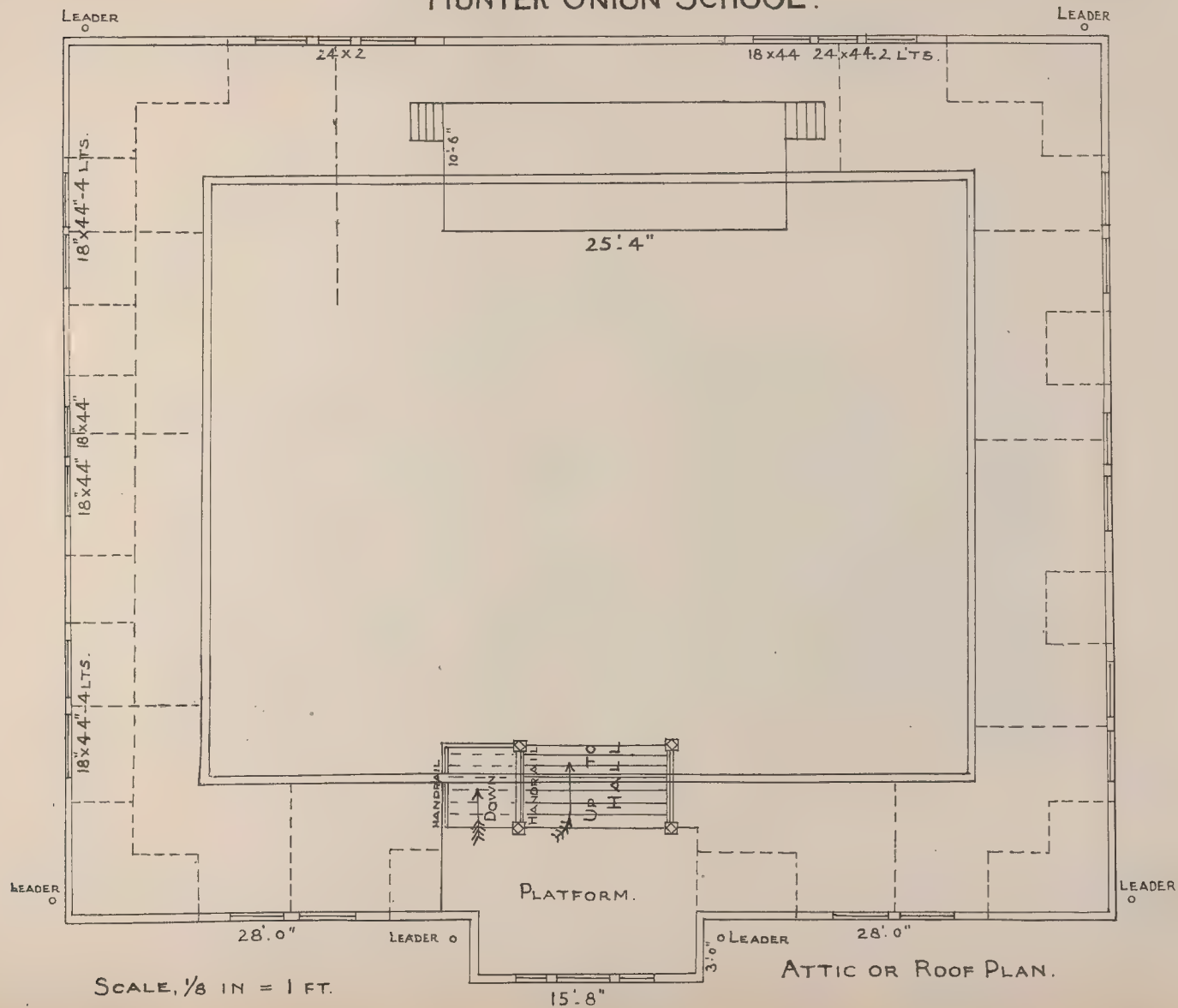
## HUNTER UNION SCHOOL.



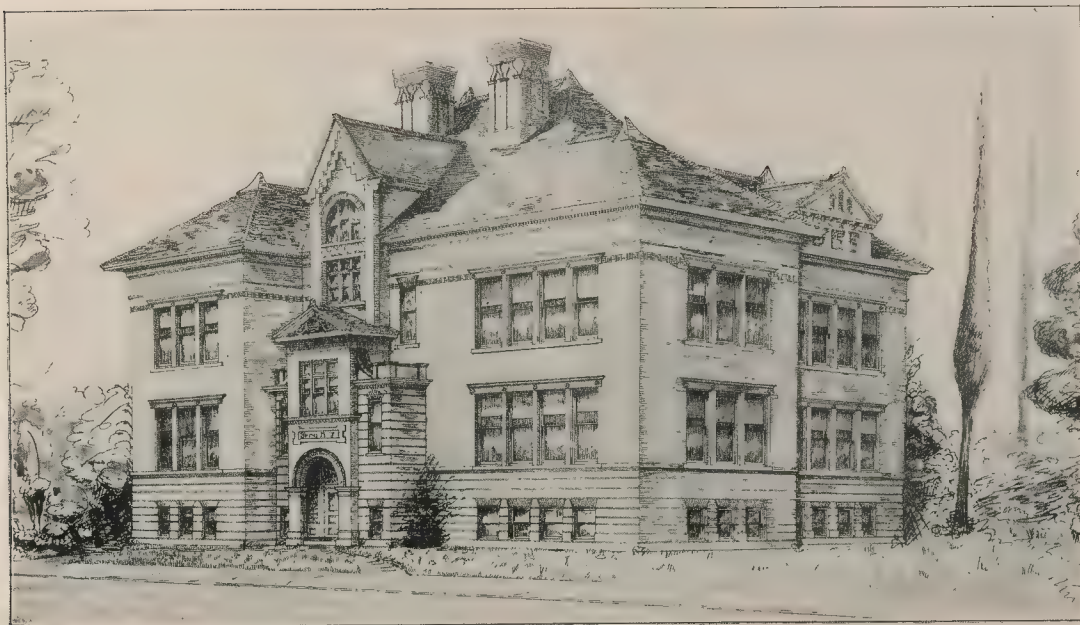




# HUNTER UNION SCHOOL.



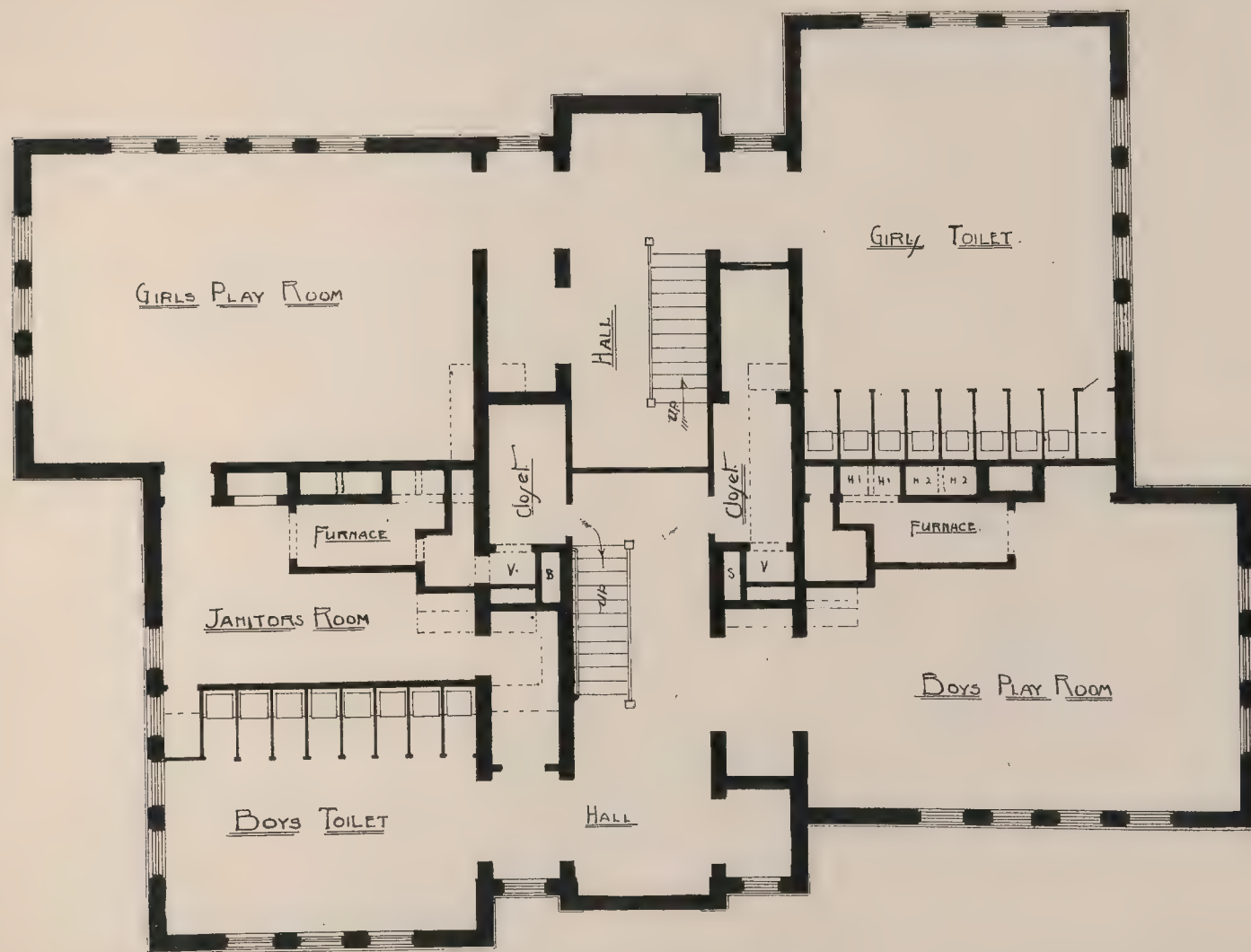




JAMESTOWN—SCHOOL NO. 7. Erected 1896. Cost, \$14,284.







— BASEMENT FLOOR PLAN —





FIRST FLOOR PLAN

J.W. Morrison, Architect  
 Jamestown, N.Y.





SECOND FLOOR PLAN



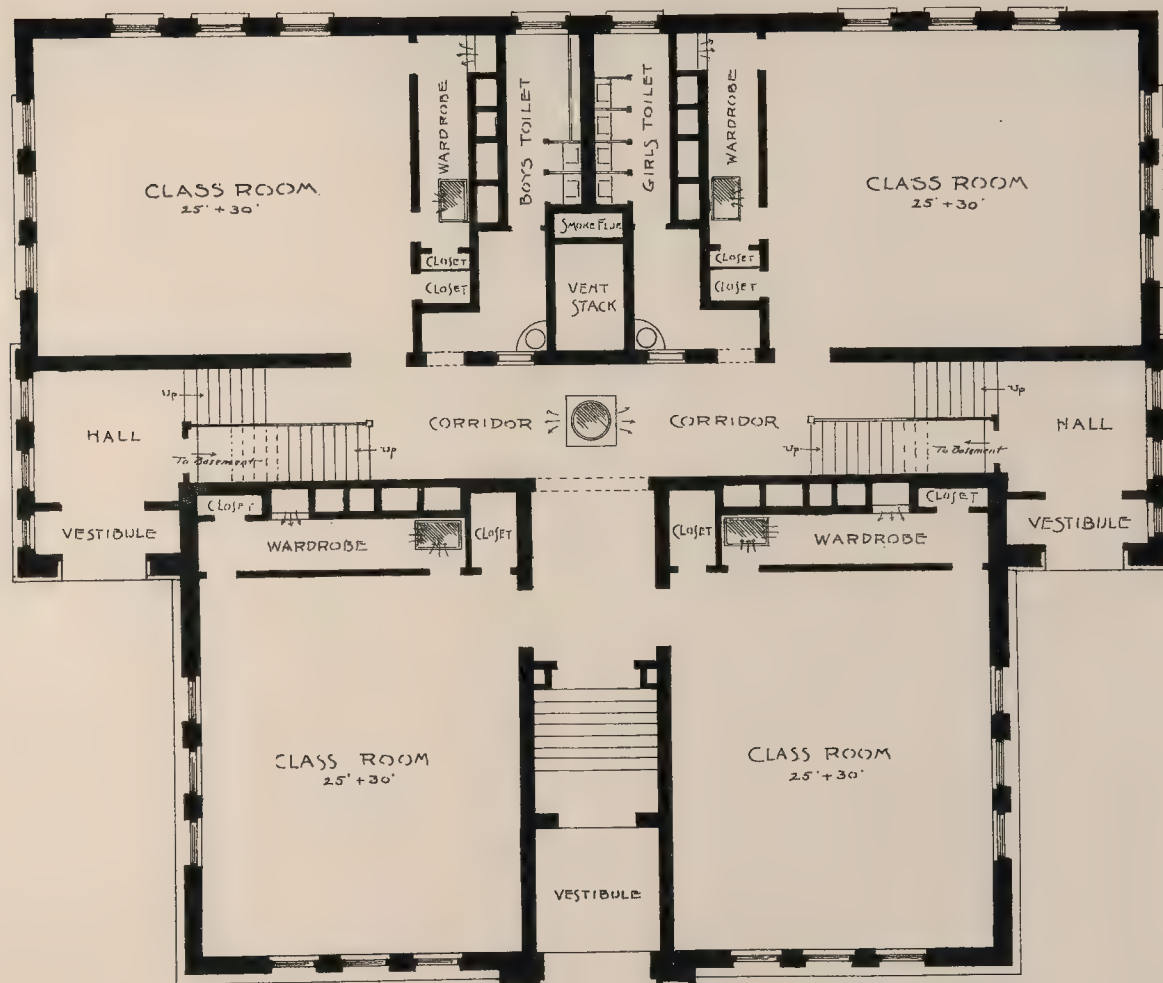




WYMKOPHILL ENBECK CRAWFORD CO.

LANSINGBURGH—HASKELL SCHOOL. Erected 1895. Cost, \$37,500.





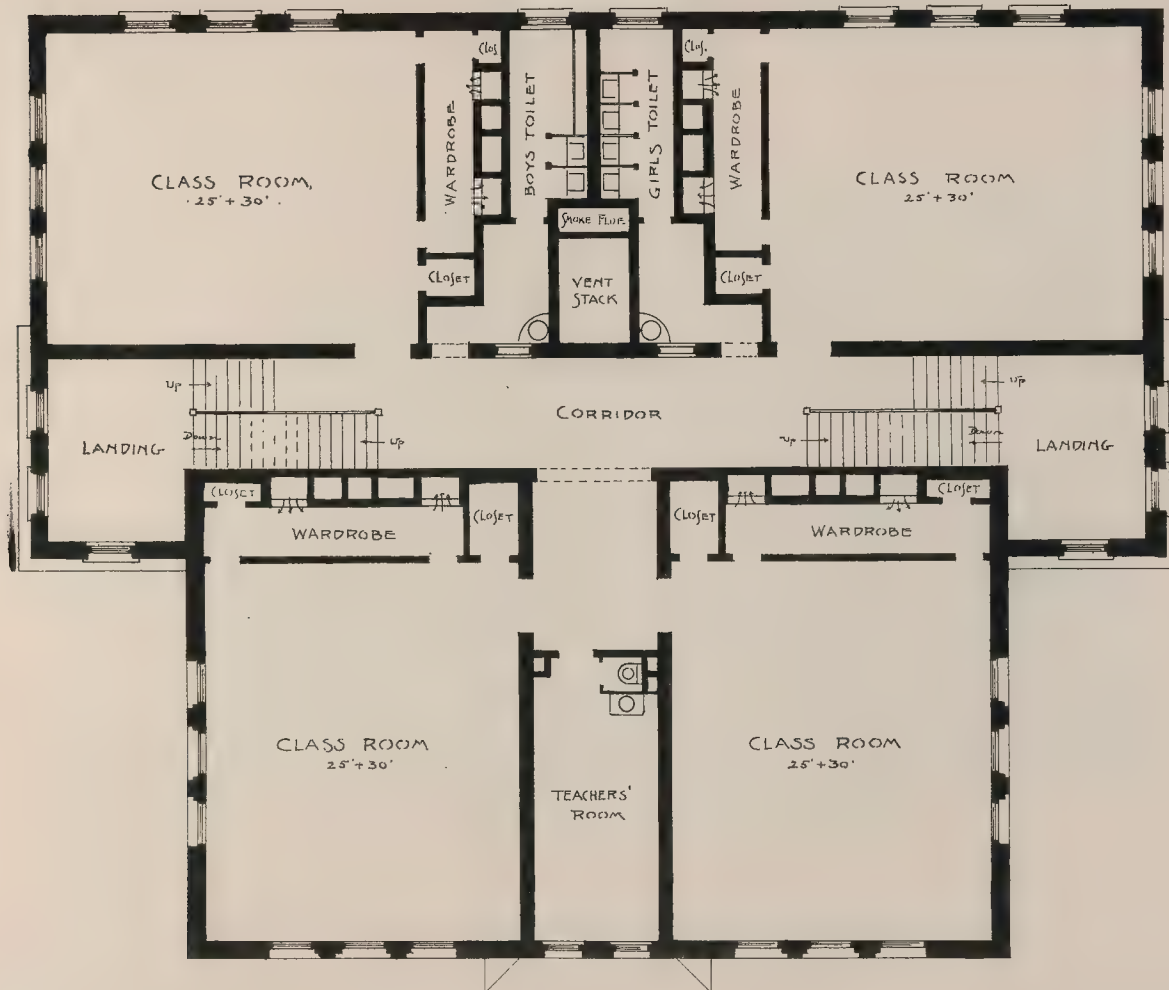
· FIRST · FLOOR

· HASKELL · SCHOOL · · LANSINGBURGH, N.Y.

· WM · H · DEMERS,  
· ARCHITECT, TROY · N · Y ·







SECOND FLOOR.

·HASKELL·SCHOOL·LANSINGBURGH·N.Y·





LENOX, MADISON COUNTY—SCHOOL NO. 13. Erected 1894.

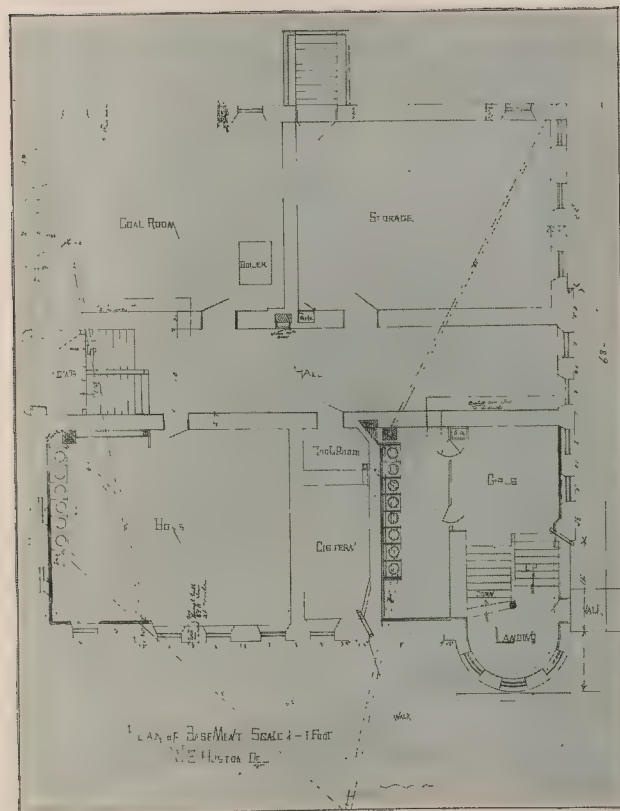




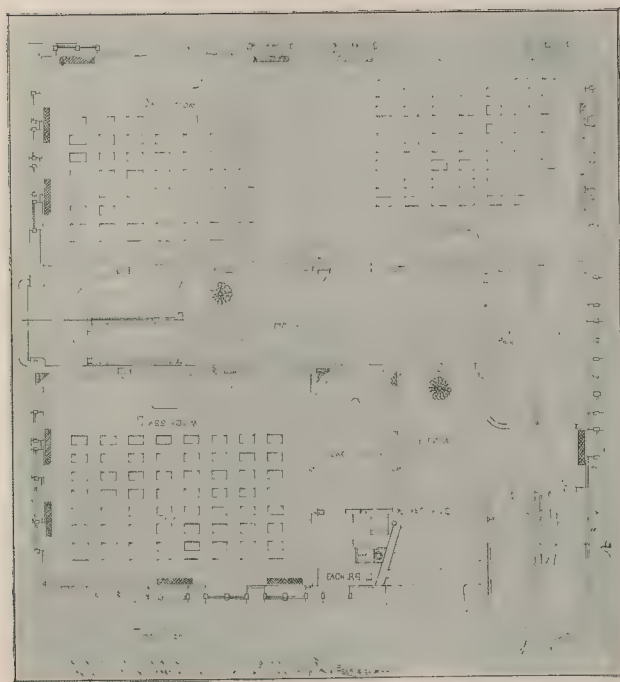
LOCKPORT—WEST AVE. PRIMARY SCHOOL. Erected 1895. Cost, \$15,950.





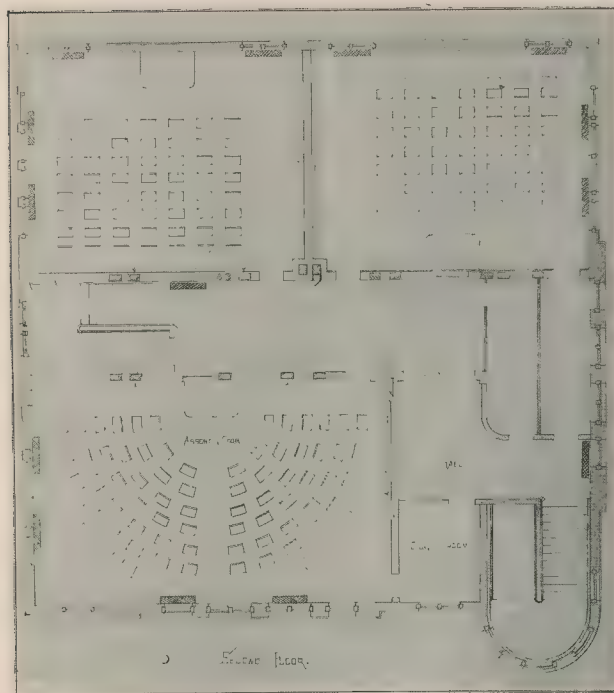










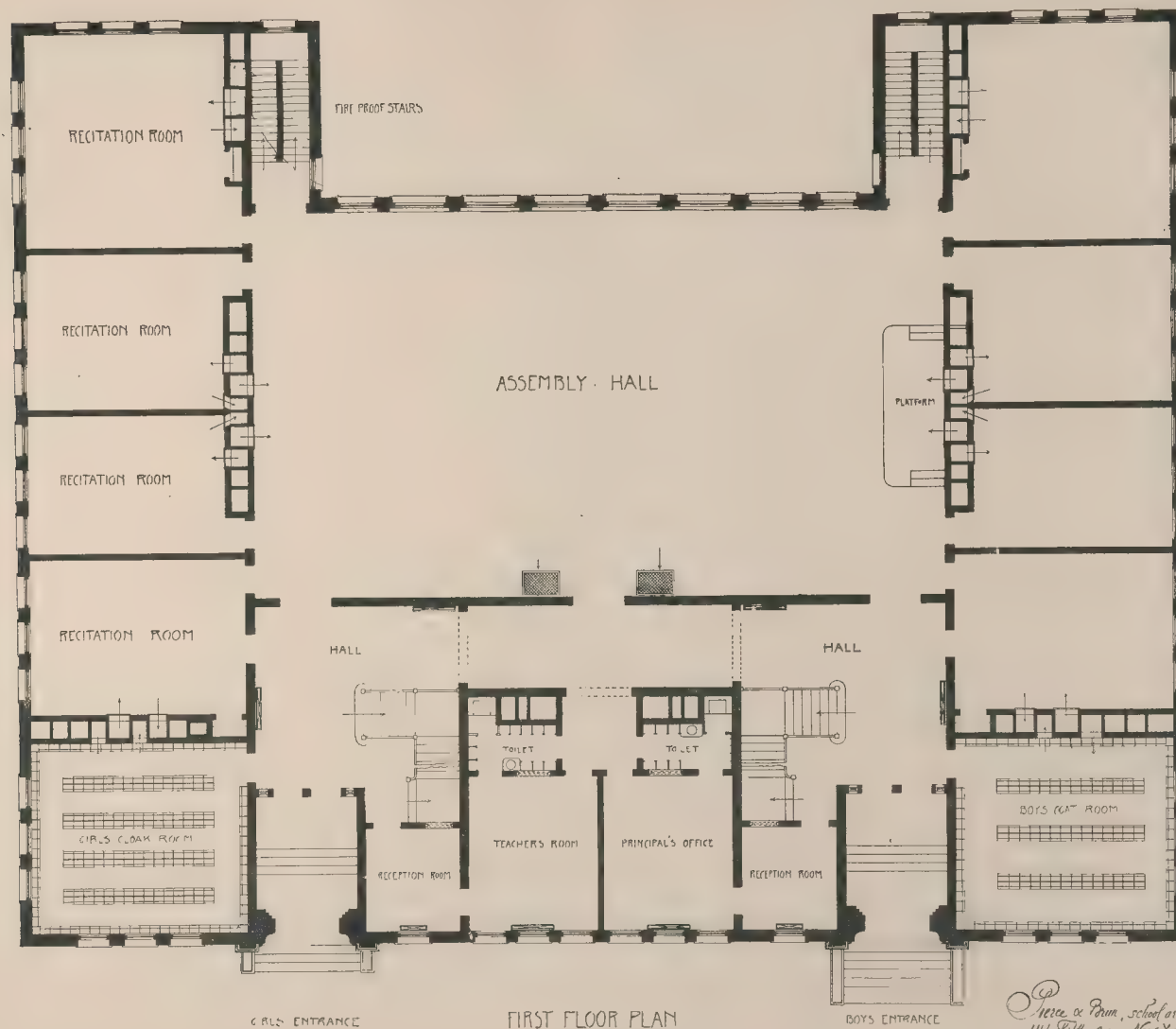






MARINER HARBOR UNION FREE SCHOOL. Erected 1895. Cost, \$26,372.

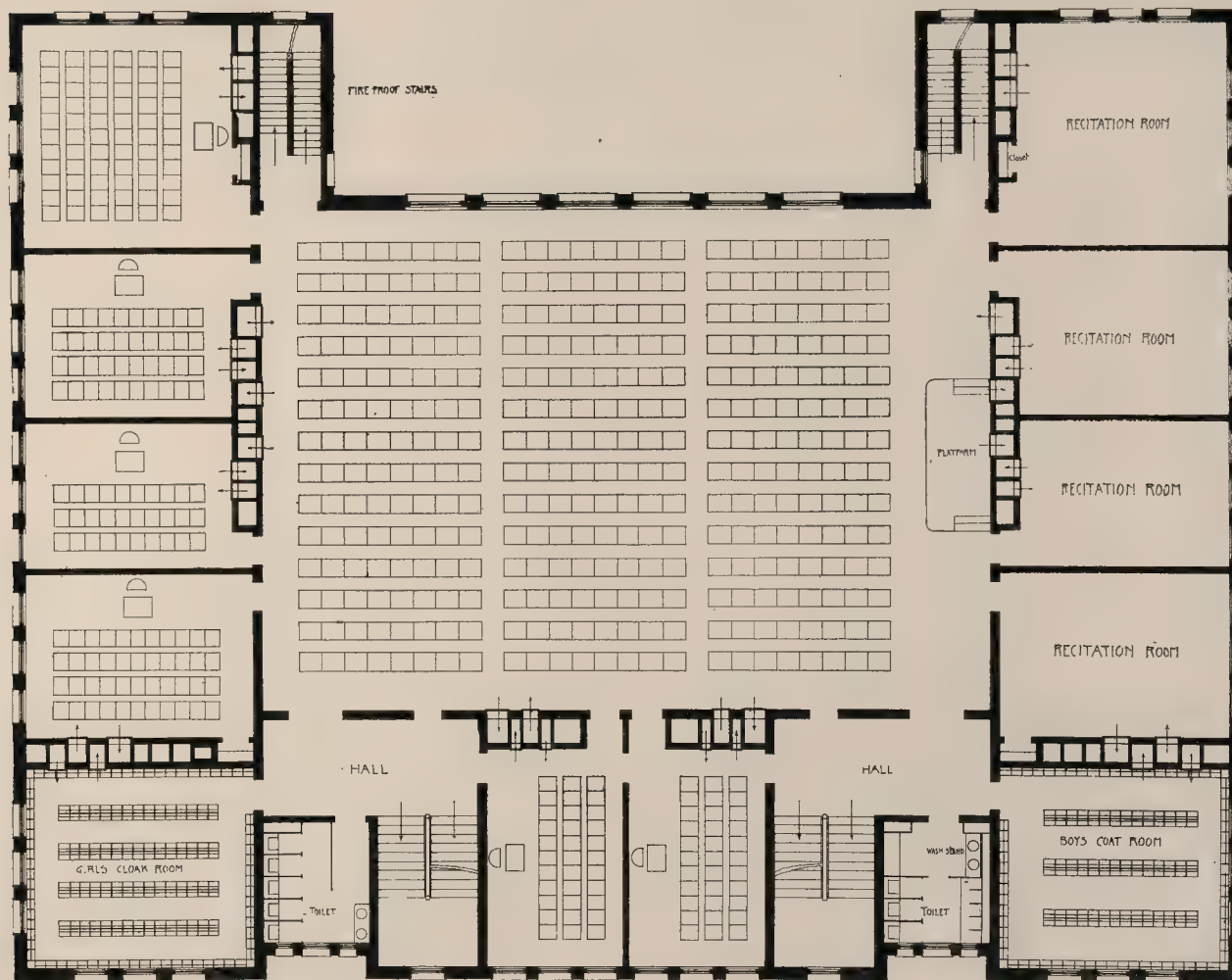




*Chas. A. Parn, School architect  
114 E. 4th. ave. New York City*



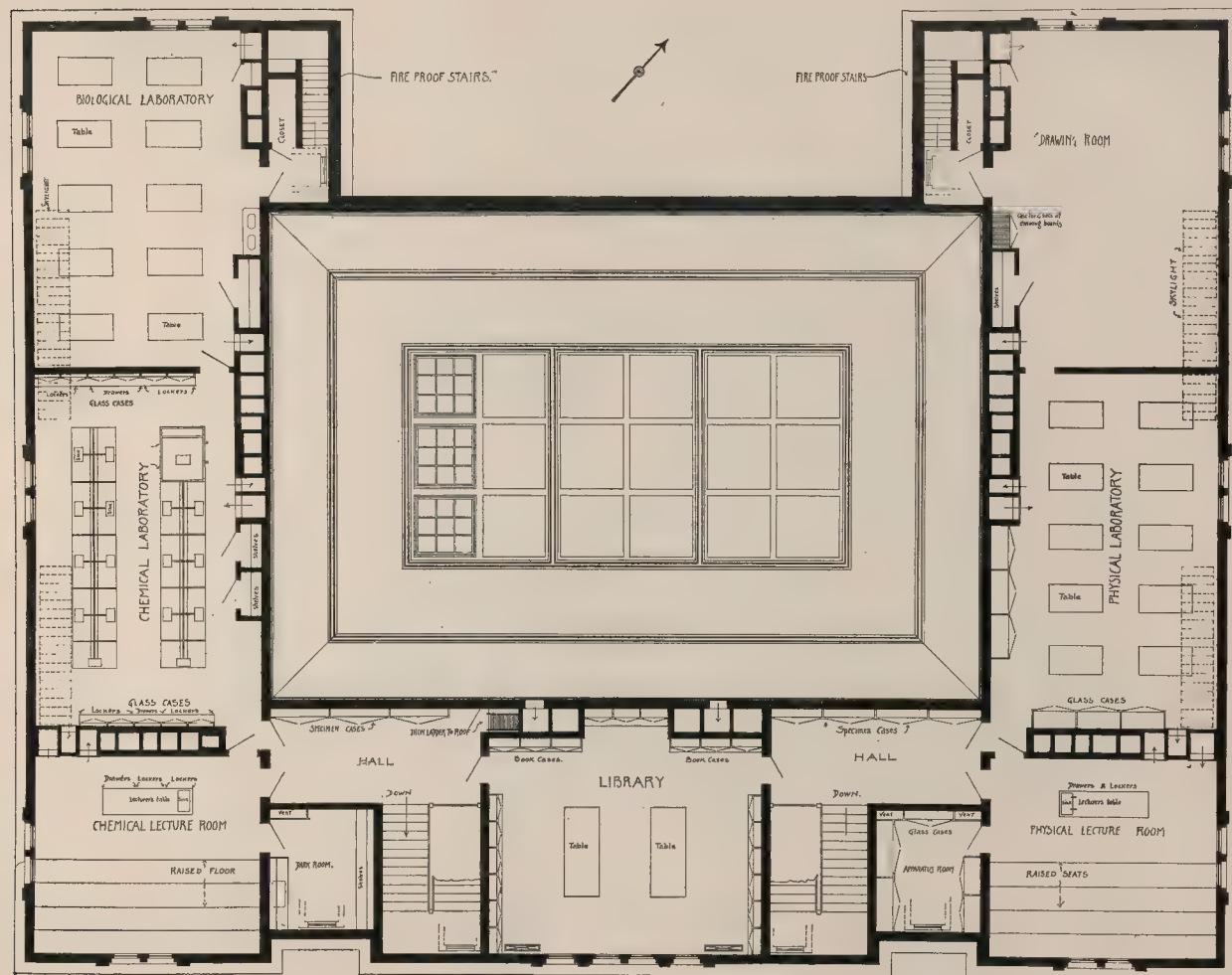




SECOND FLOOR PLAN.

*Pierce & Pennington school architects  
114 Fifth Ave. New York City*





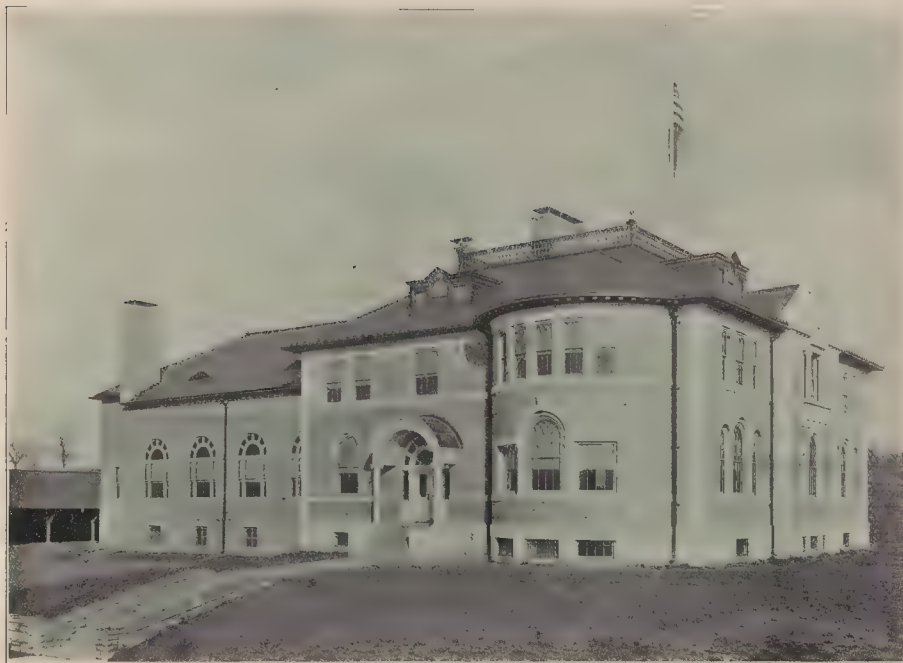
Scale 1/4" = 1 Foot.

THIRD FLOOR PLAN.

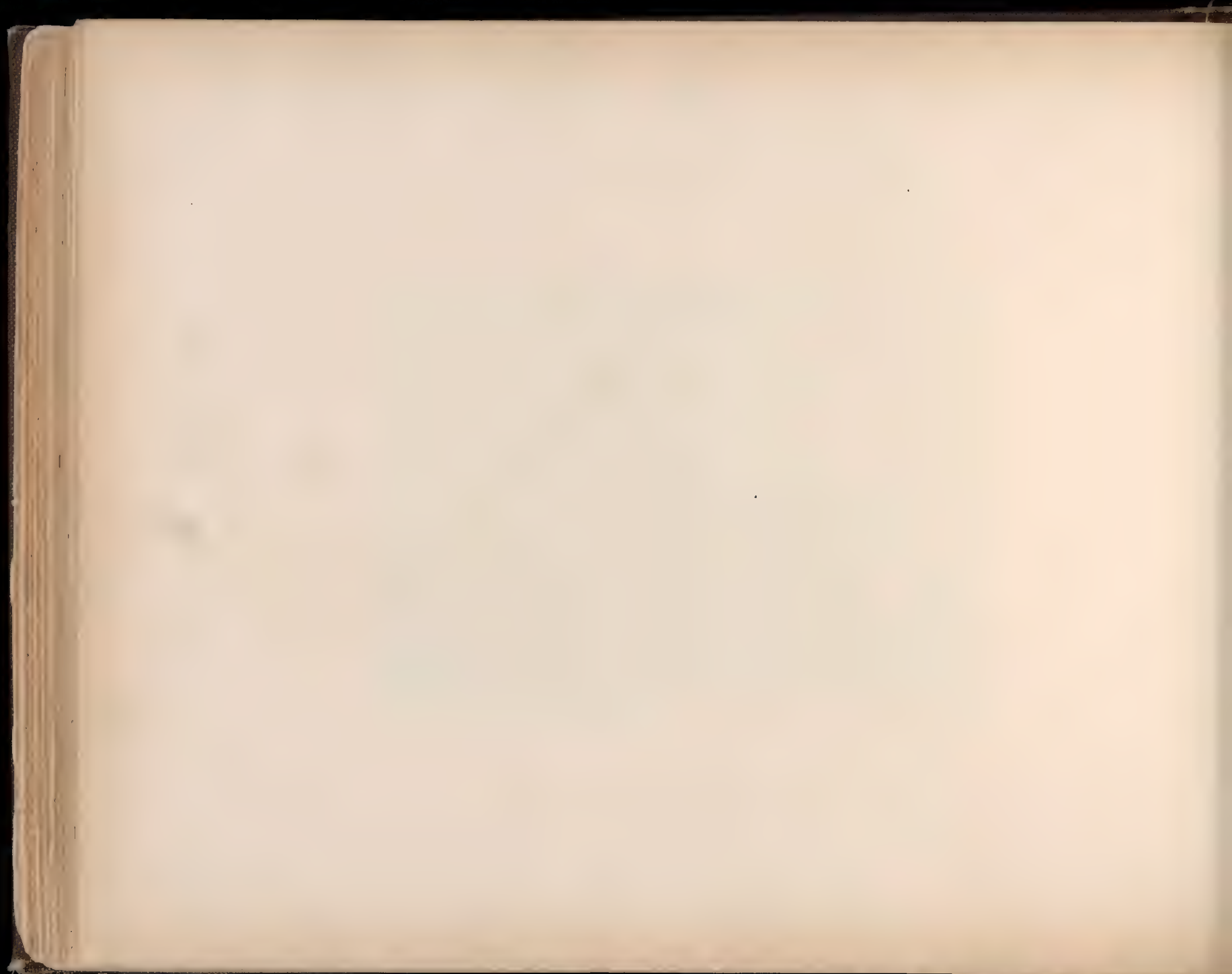
Since & Brown, school architects  
114 Fifth Ave. New York City

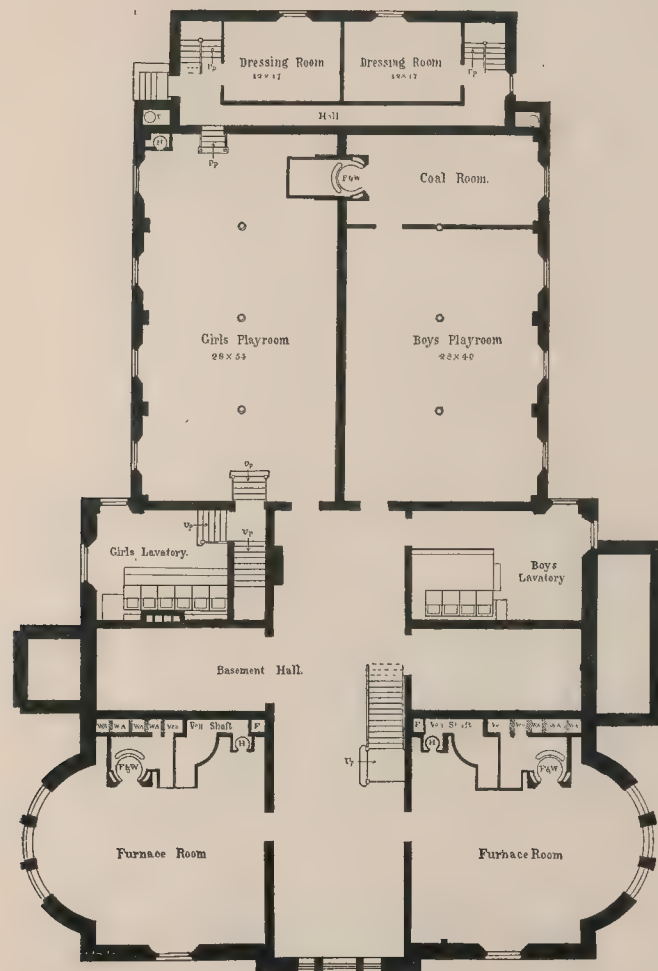






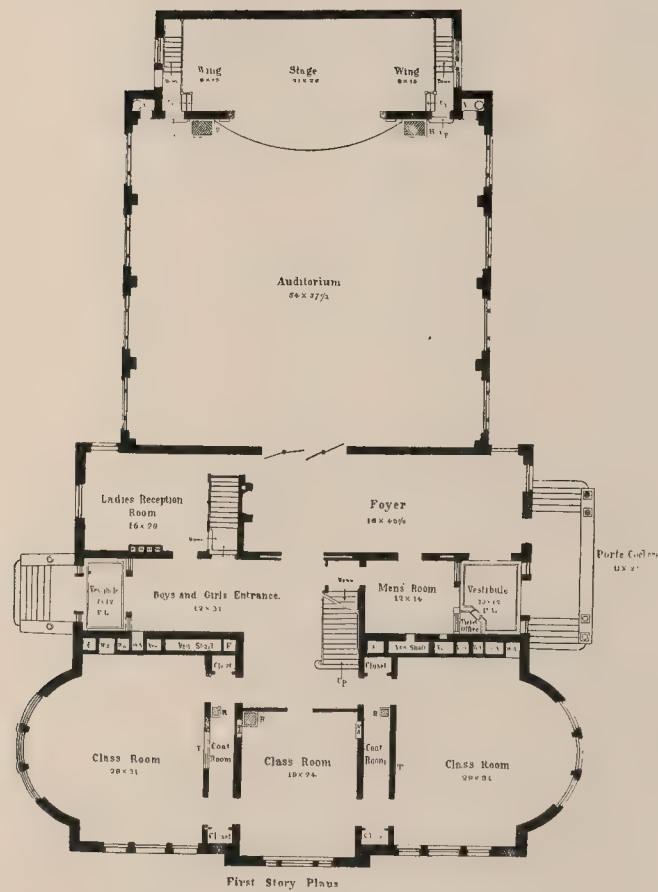
MILBROOK UNION FREE SCHOOL. Erected 1895. Memorial Building.





Basement Plans.



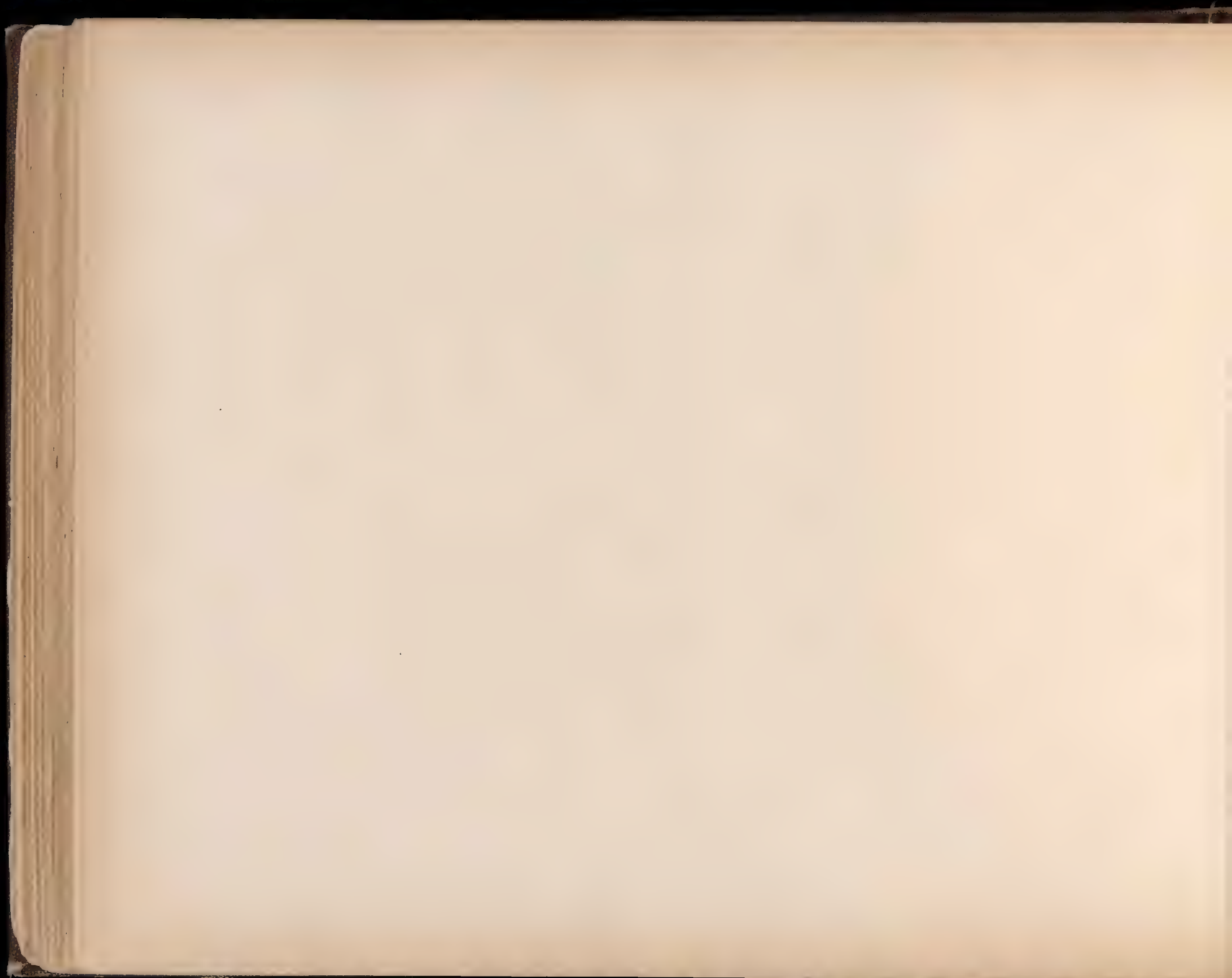








Second Story Plan

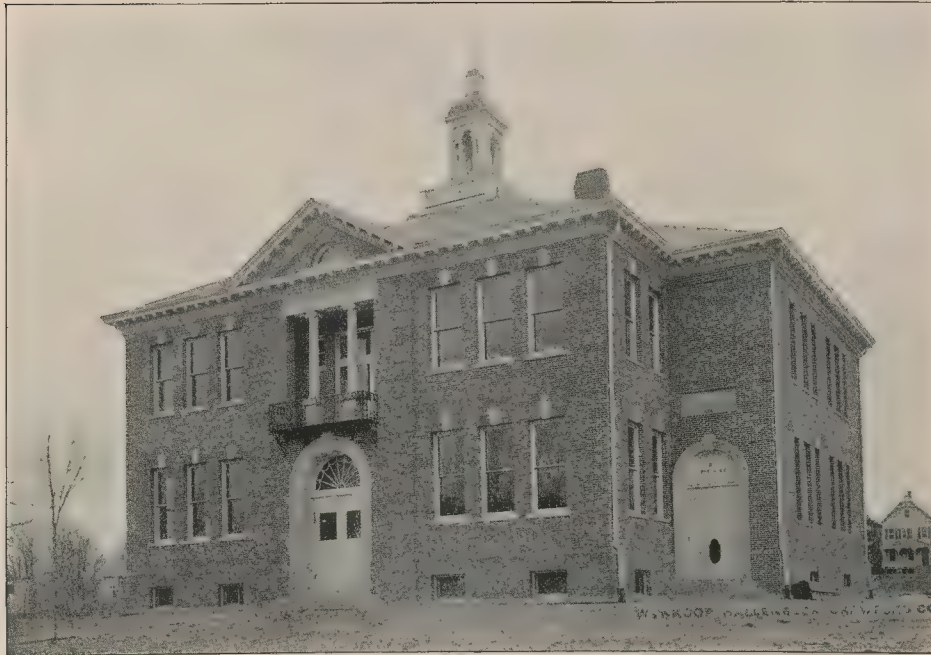




MORRIS UNION SCHOOL. Erected 1894. Cost, \$8,000.

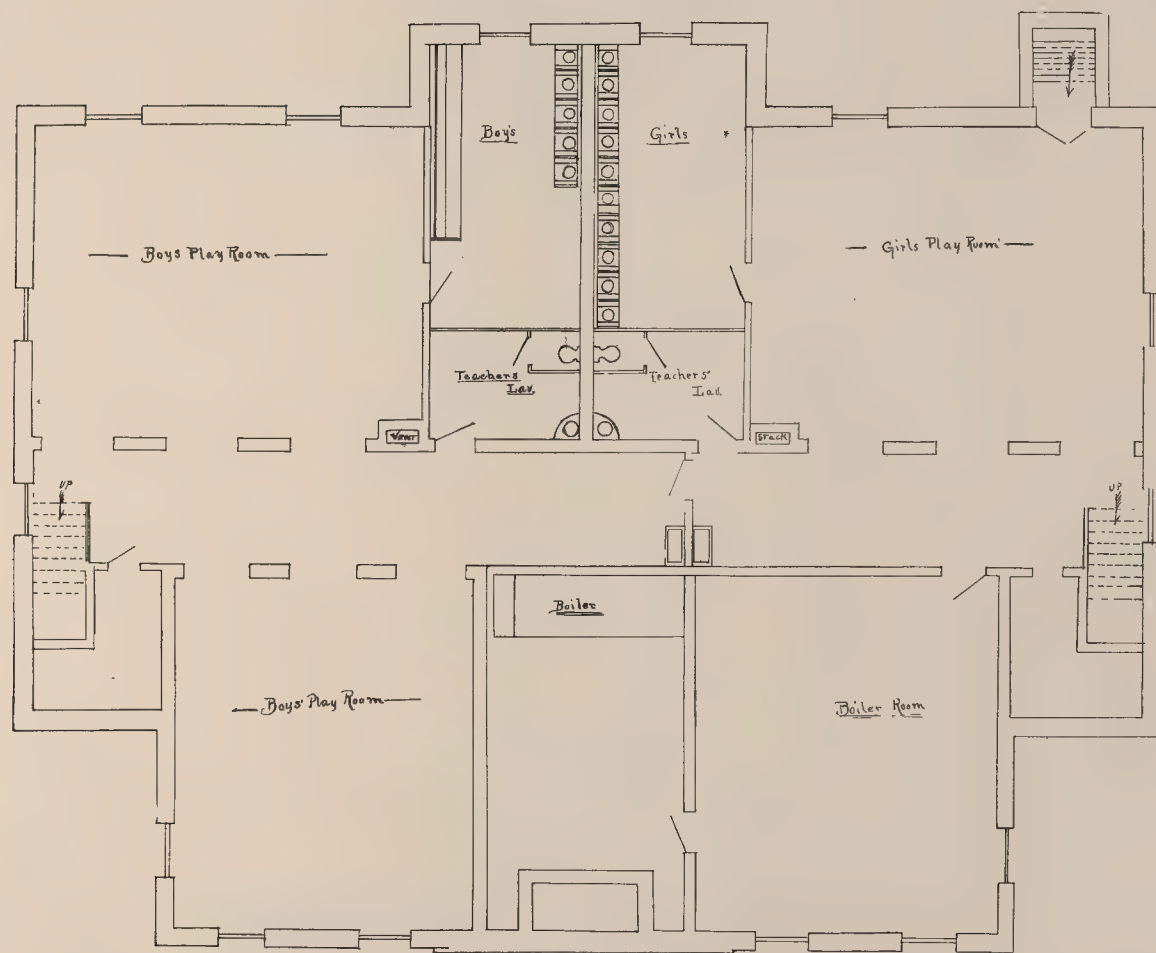






MOUNT VERNON—SCHOOL NO. 7. Erected 1895. Cost, \$24,800.

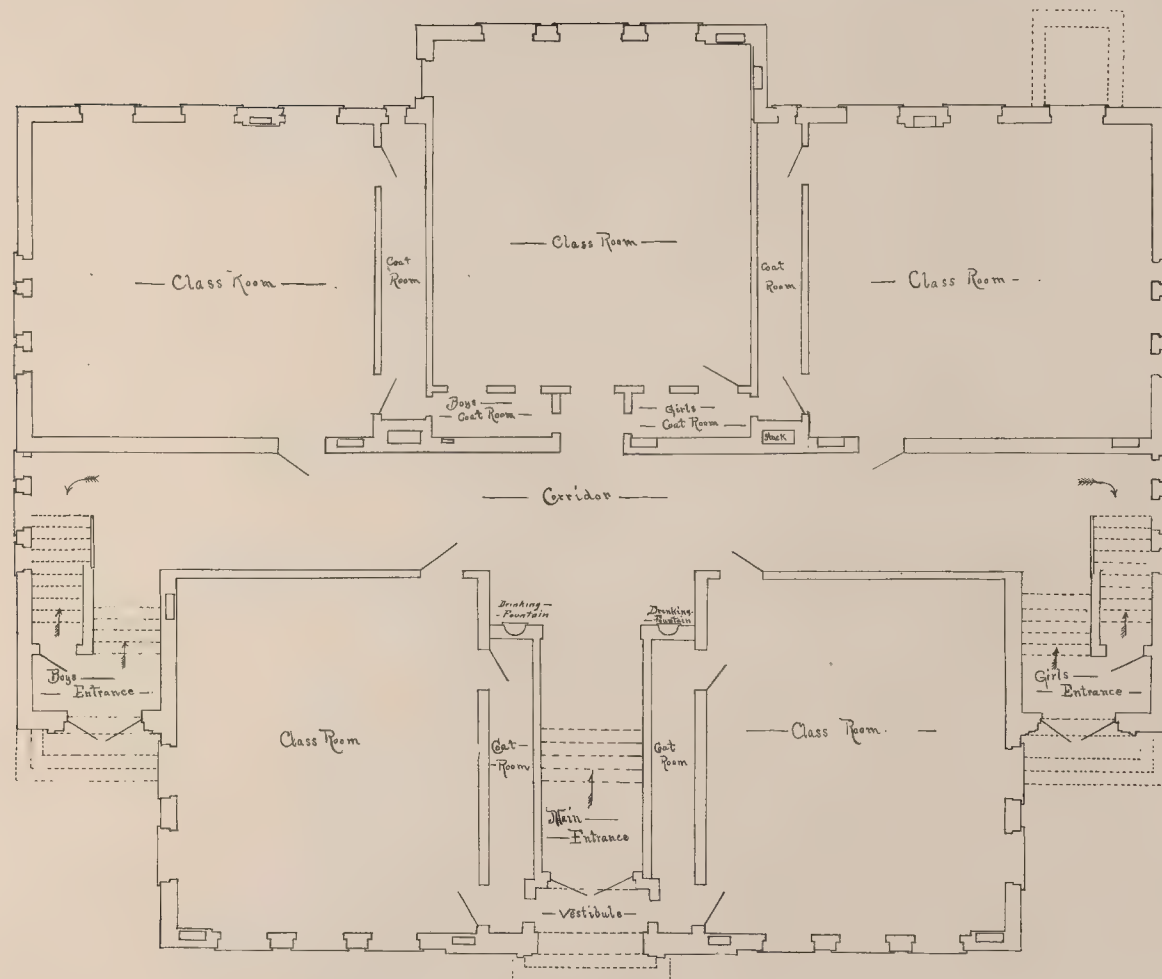




Basement Plan  
Fulton Avenue School, Mt Vernon N.Y.

Lora M. Hewlett, Archts  
123 E 23<sup>rd</sup> St N.Y.C.



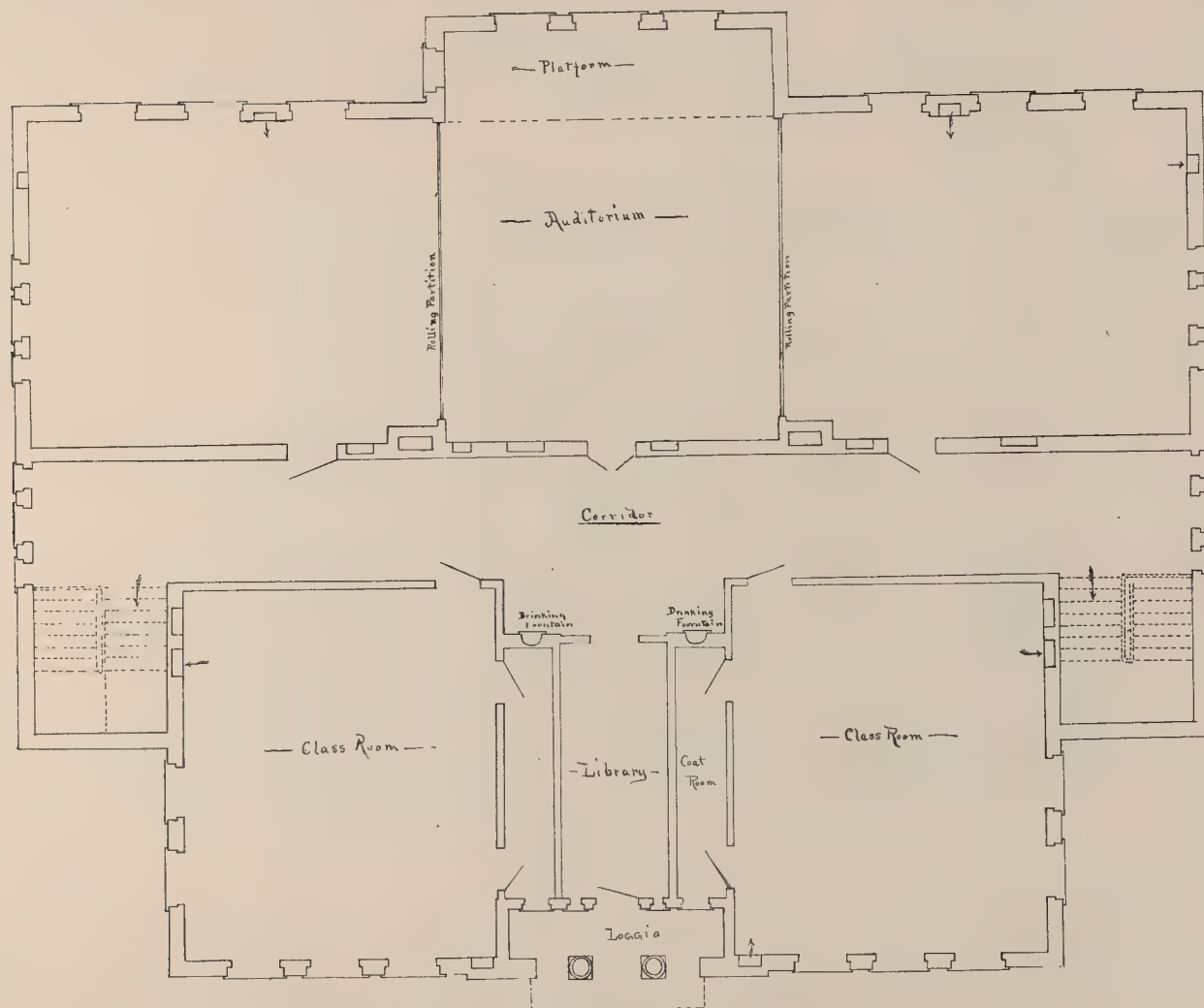


FIRST FLOOR PLAN.  
FULTON AVENUE SCHOOL - MT. VERNON - N.Y.

LORD & HEWLETT, ARCHTS.  
123 E. 23<sup>RD</sup> ST. N.Y.C.







SECOND FLOOR PLAN  
FULTON AVENUE SCHOOL - MT. VERNON, N.Y.

LORD & HEWLETT ARCH'TS  
125 E. 23<sup>RD</sup> ST. N.Y.C.





WYNKOPF, HALL & BROOK, DRAWERS, CO.  
NEW ROCHELLE-WEYMAN AVE. SCHOOL. Erected 1895. Cost, \$32,000.







NEW YORK CITY—TENTH WARD GRAMMAR SCHOOL. Erected 1894.

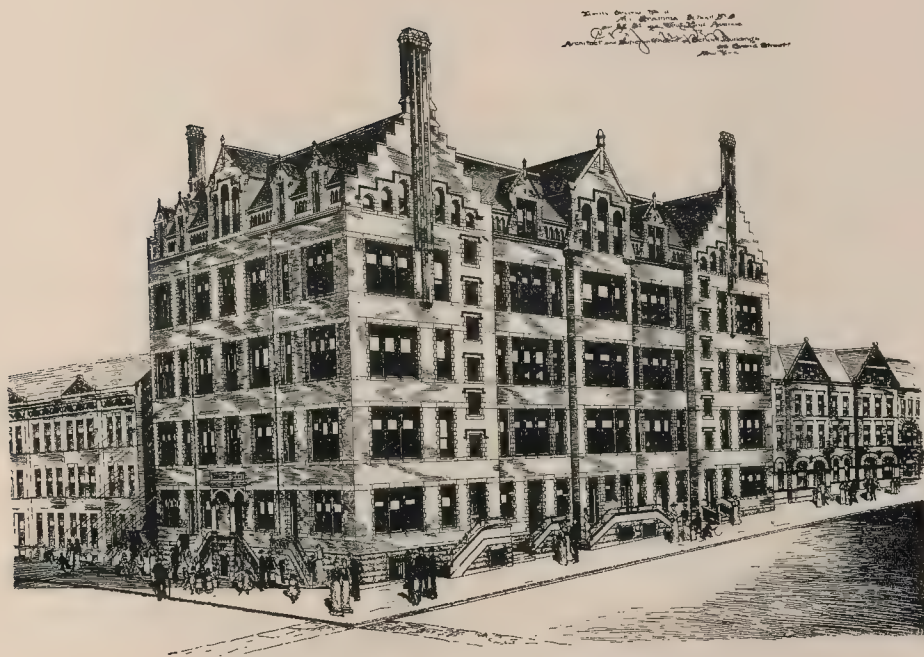




NEW YORK CITY—GRAMMAR SCHOOL, NINETEENTH WARD.







NEW YORK CITY—TWENTY-SECOND WARD GRAMMAR SCHOOL. Erected 1894.







NEW YORK CITY—TWENTY-FOURTH WARD SCHOOL, WOODLAWN. Erected 1894.





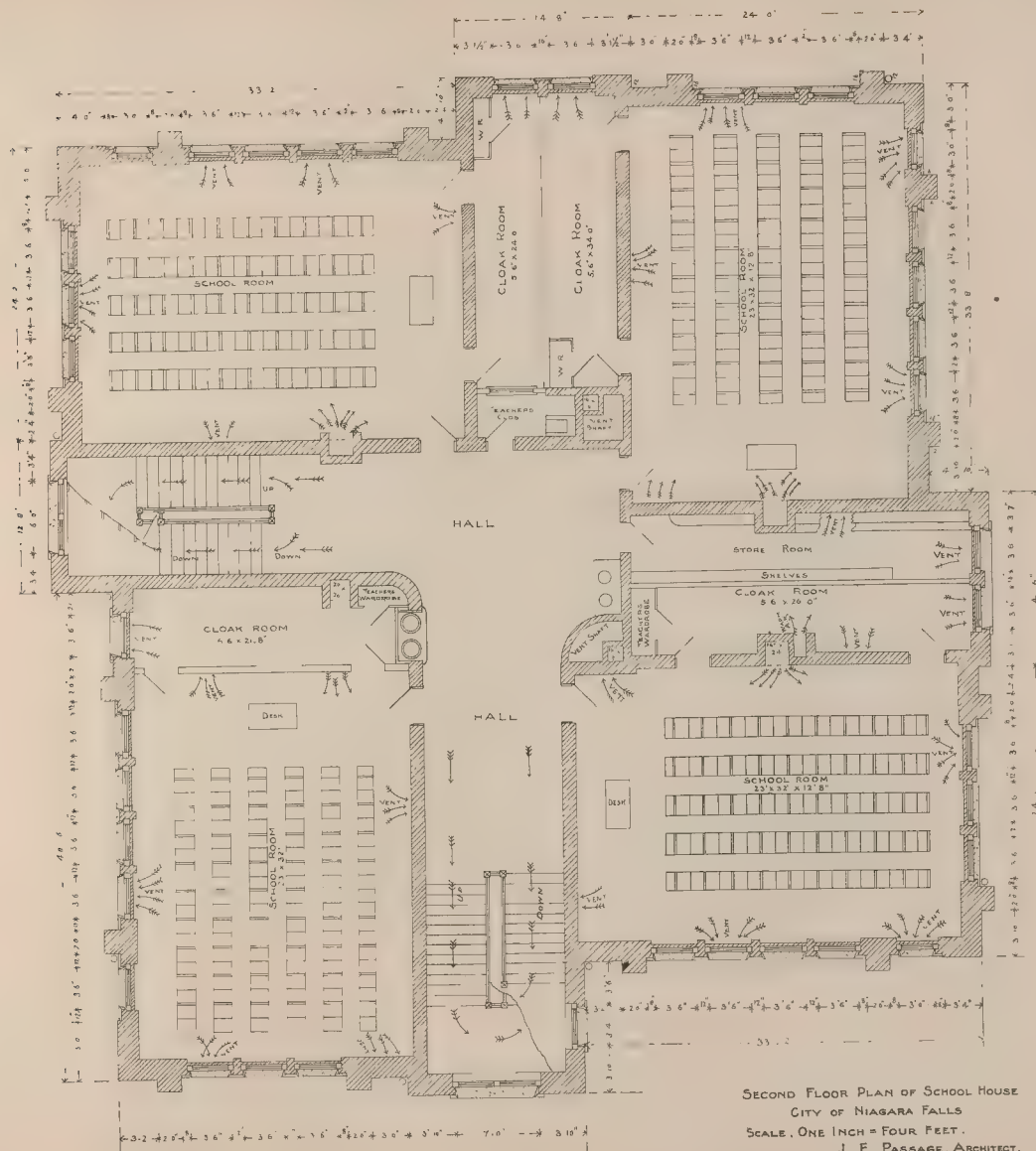
NIAGARA FALLS—GRAMMAR SCHOOL. Erected 1895. Cost, \$25,000.





FIRST FLOOR PLAN OF SCHOOL HOUSE  
CITY OF NIAGARA FALLS  
SCALE ONE INCH = FOUR FEET  
J. E. PASSAGE, ARCHITECT









NORTH TONAWANDA—SCHOOL NO. 3. Erected 1892. Cost; \$16,000.







NORTH TONAWANDA—SCHOOL NO. 4. Erected 1893. Cost, \$16,000.





OLEAN HIGH SCHOOL. Erected 1894. Cost, \$71,000.







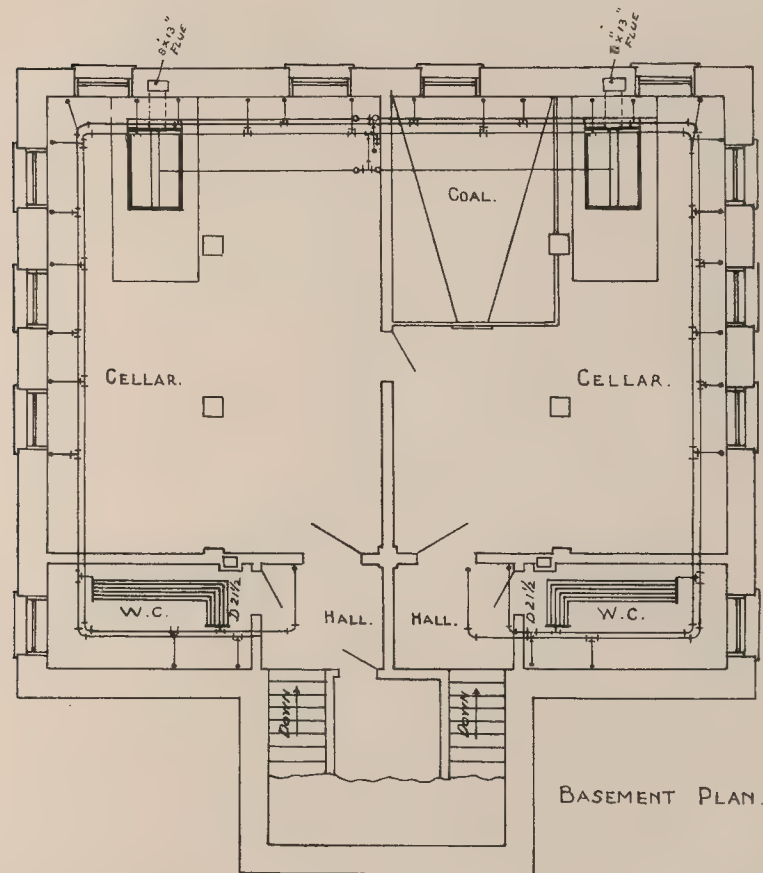
ORANGE—DISTRICT NO. 2. Erected 1894. Cost, \$4 500.





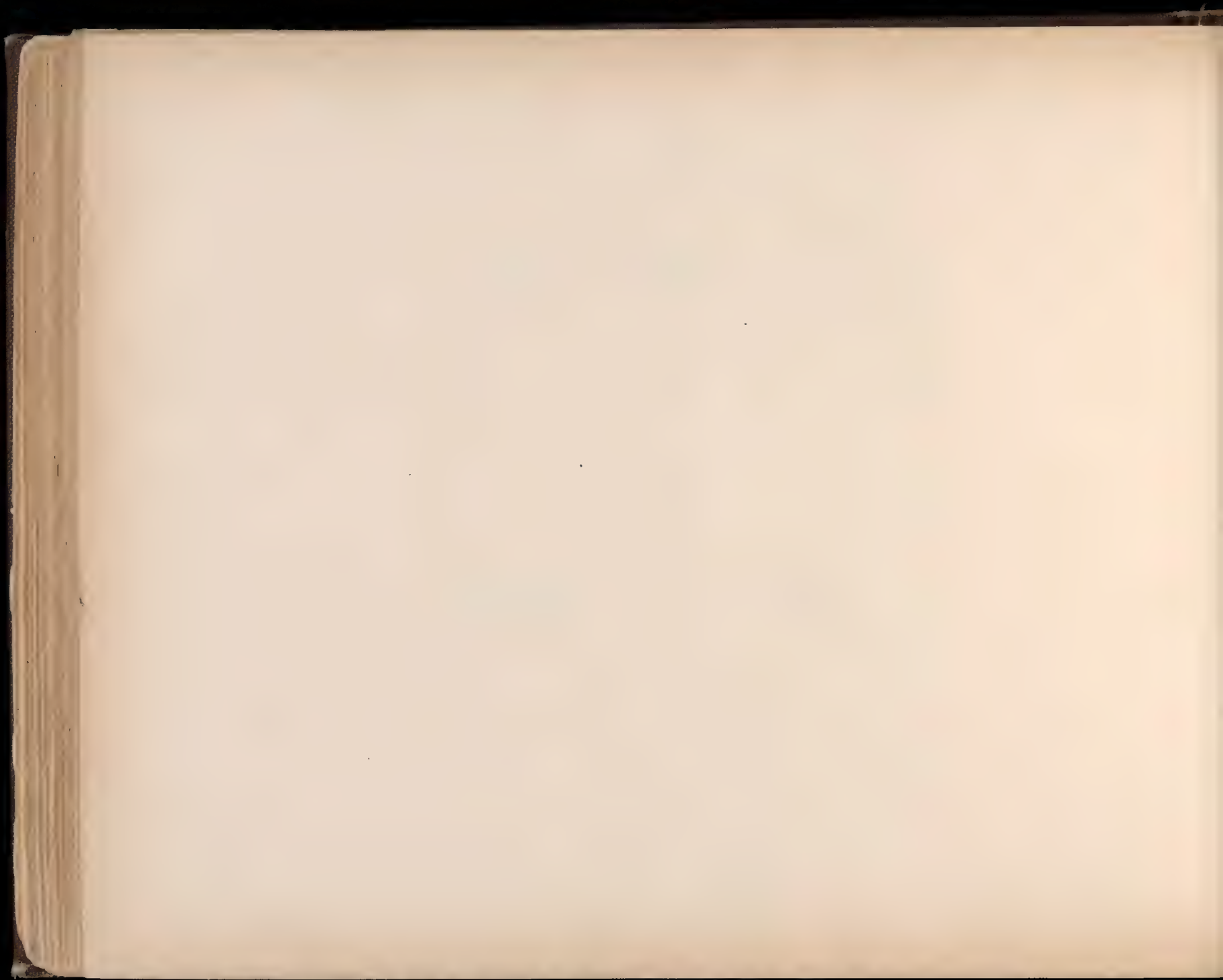
PLATTSBURGH—HAMILTON ST. SCHOOL. Erected 1896. Cost, \$4,000.

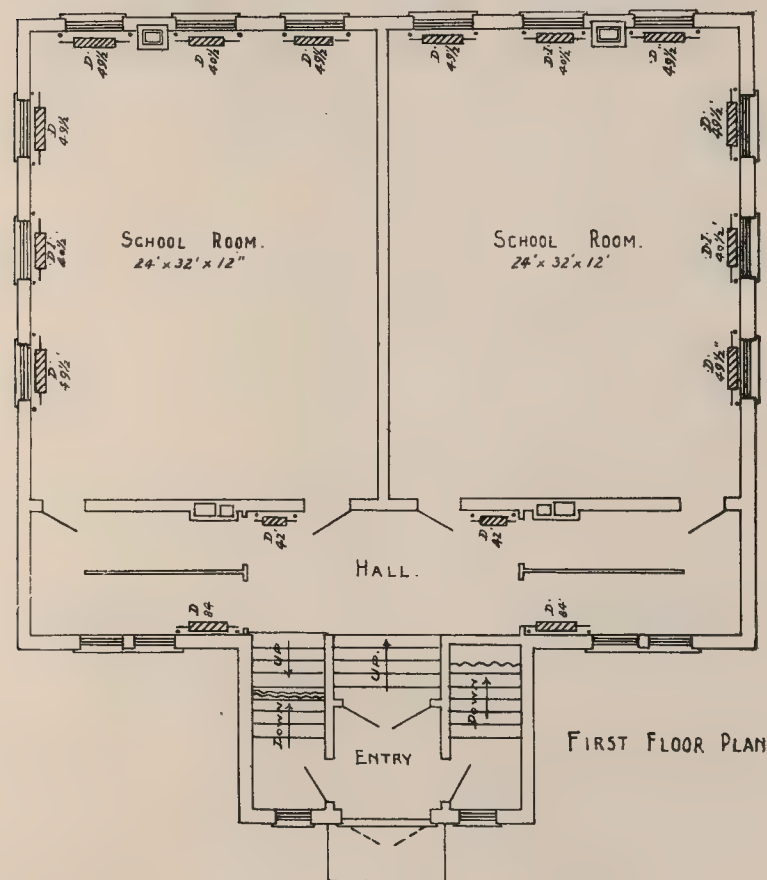




HAMILTON ST. SCHOOL,  
PLATTSBURGH.





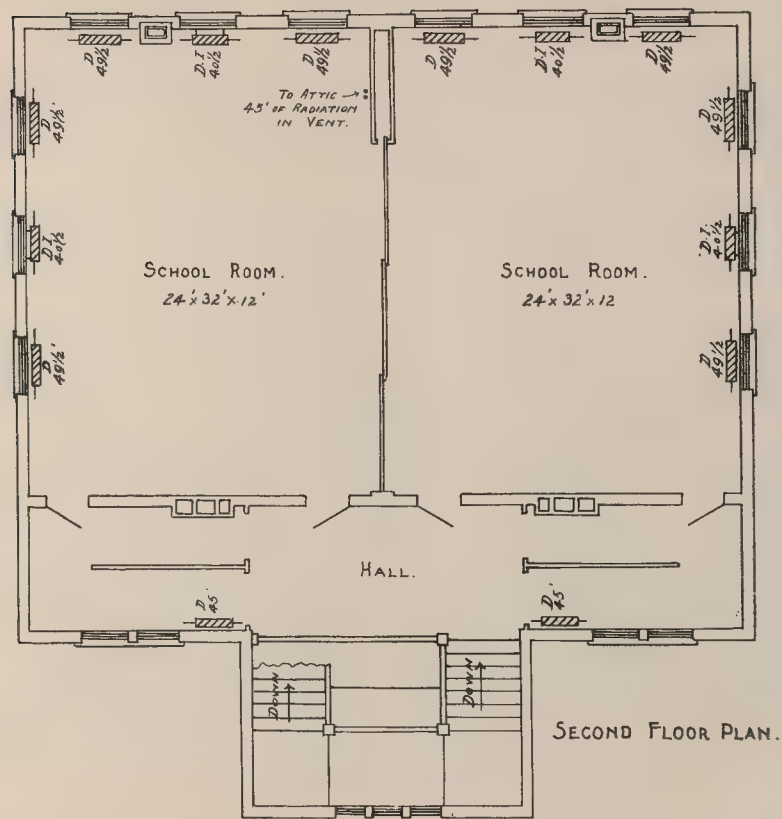


FIRST FLOOR PLAN

HAMILTON ST. SCHOOL,  
PLATTSBURGH.

W. E. LORD,  
ARCHITECT.





HAMILTON ST. SCHOOL,  
PLATTSBURGH.

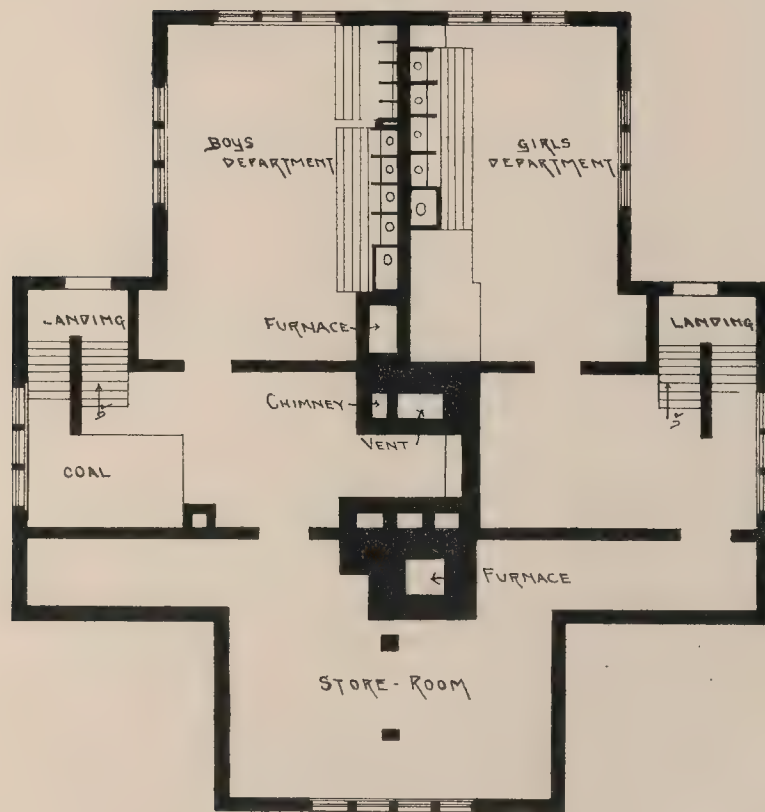






POTSDAM—DISTRICT NO. 3. Erected 1883. Cost, \$10,650.

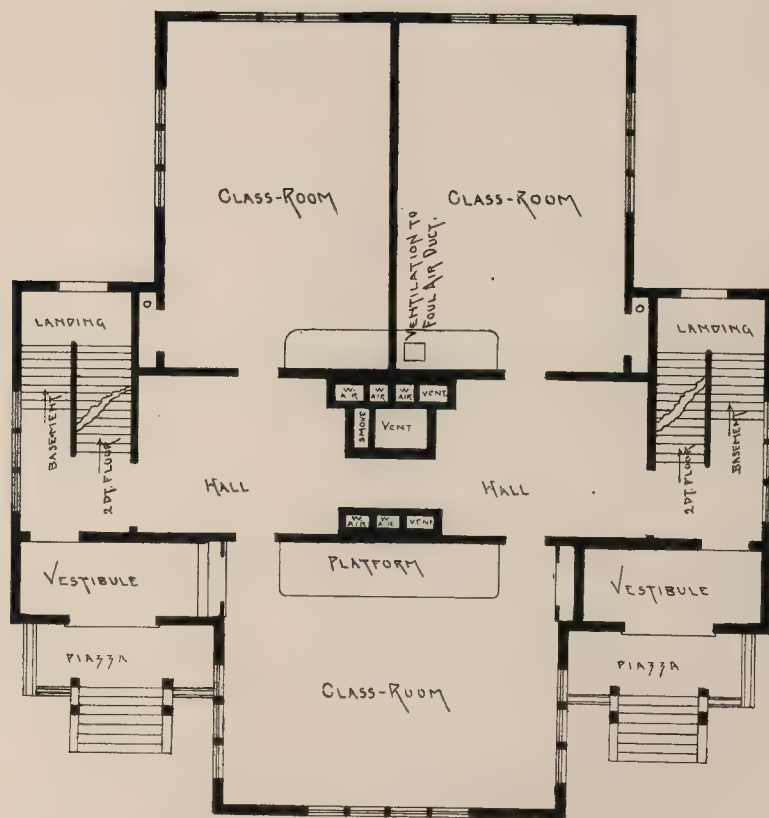




~ BASEMENT PLAN ~

POTSDAM No. 8.





→ FIRST FLOOR PLAN ~  
POTS DAM No. 8.







— SECOND FLOOR PLAN —

POTSDAM No. 8.





ROTTERDAM SCHOOL—DISTRICT NO. 2. (BELLEVUE.) Erected 1893. Cost, \$6,000.







RYE NECK SCHOOL DISTRICT NO. 1. Erected 1893. Cost, \$25,100.





SANDY HILL HIGH SCHOOL. Erected 1892. Cost, \$11,000.











SARATOGA SPRINGS—SCHOOL NO. 1. Erected 1893. Cost, \$18,000.





SARATOGA SPRINGS - SCHOOL NO. 7. Erected 1892. Cost, \$27,185.







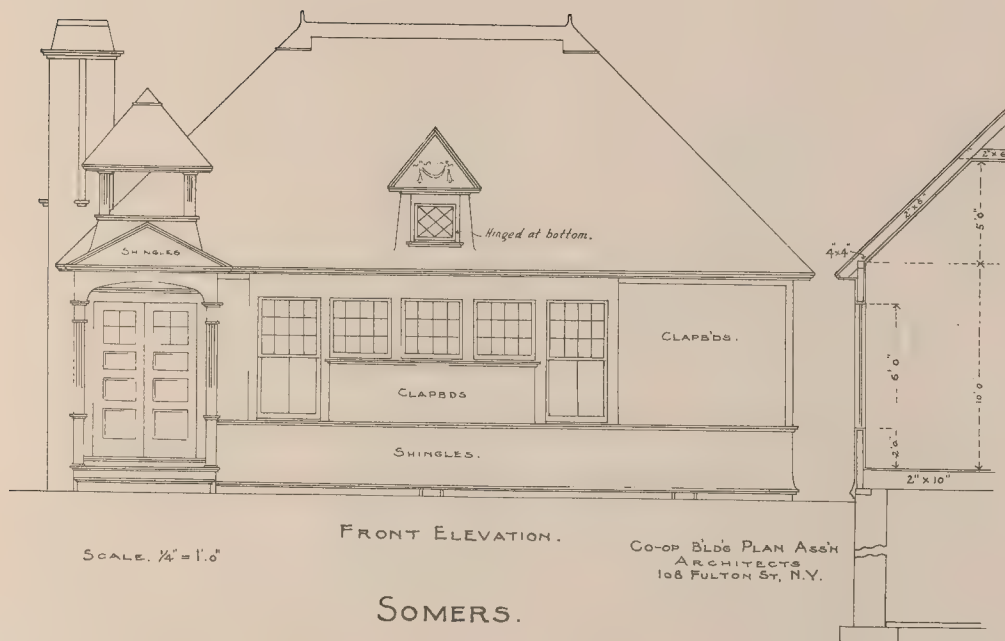
SCHAGHTICOKE UNION SCHOOL. Erected 1895. Cost, \$15,000.





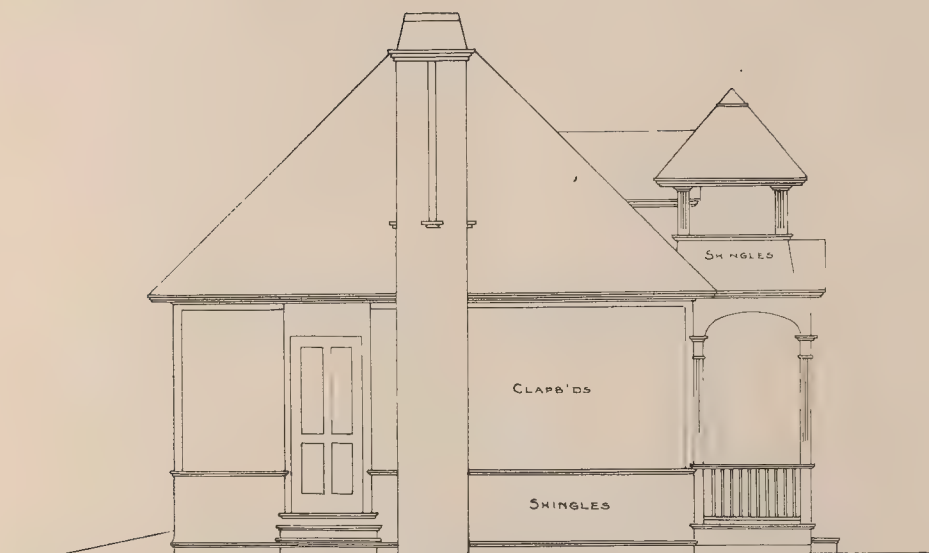
SOMERS—DISTRICT SCHOOL. Erected 1886. Cost, \$925.









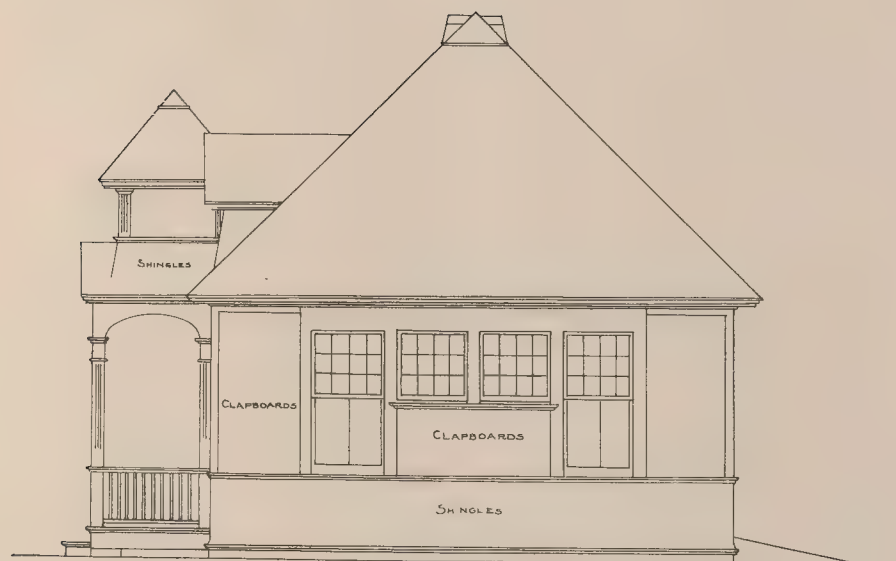
SCALE  $\frac{1}{4}" = 1'0"$ 

SIDE ELEVATION.

CO-OP BLD'G PLAN ASS'N  
ARCHITECTS  
108 FULTON ST. N. Y.

SOMERS.





SIDE ELEVATION

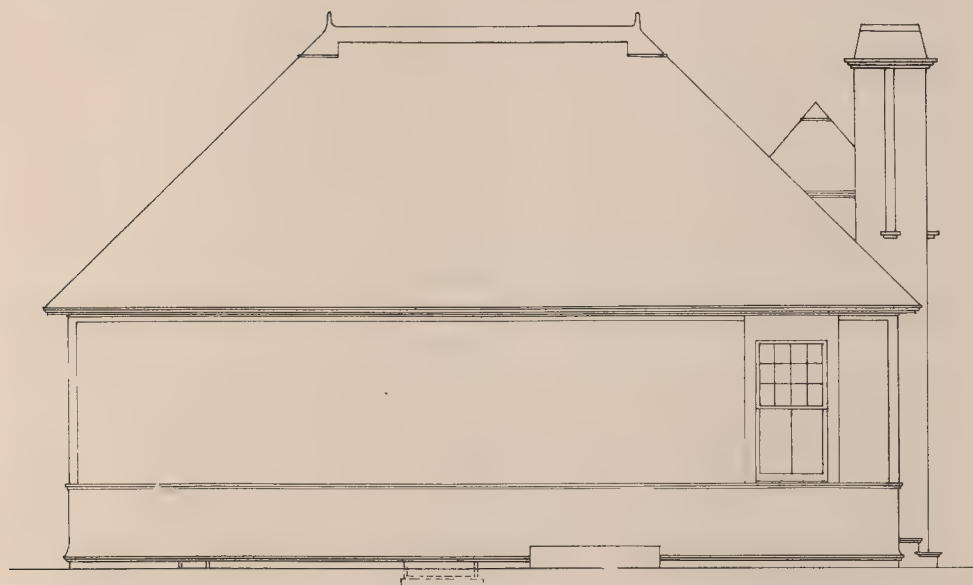
SCALE: 1/4 IN. = 1 FT

CO-OP BLDG PLAN ASSO<sup>CS</sup>  
 ARCHITECTS  
 108 FULTON ST N.Y.

SOMERS.







SCALE,  $\frac{1}{4}" = 1'-0"$

REAR ELEVATION.

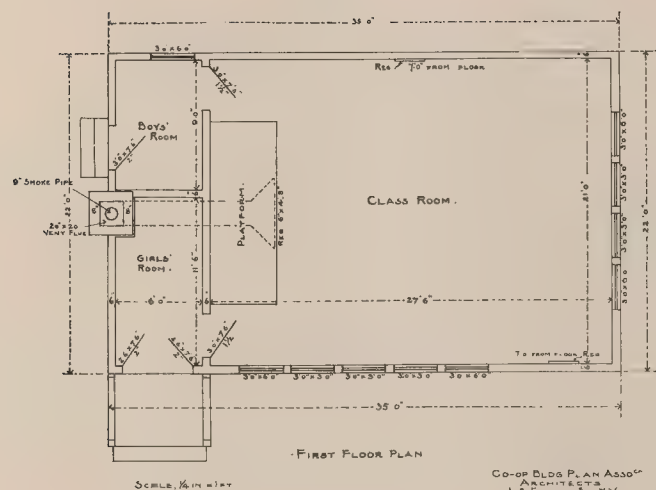
CO-OP BLDG PLAN ASS'N  
ARCHITECTS,  
108 FULTON ST. N.Y.

SOMERS.









FIRST FLOOR PLAN

SCALE, 1/8" = 1'-0"

SOMERS

CO-OP BLDG PLAN ASSOC.  
ARCHITECTS  
108 FULTON ST. N.Y.







SOUTHFIELD, RICHMOND COUNTY—DISTRICT NO. 6. Erected 1894. Cost, \$4,500.





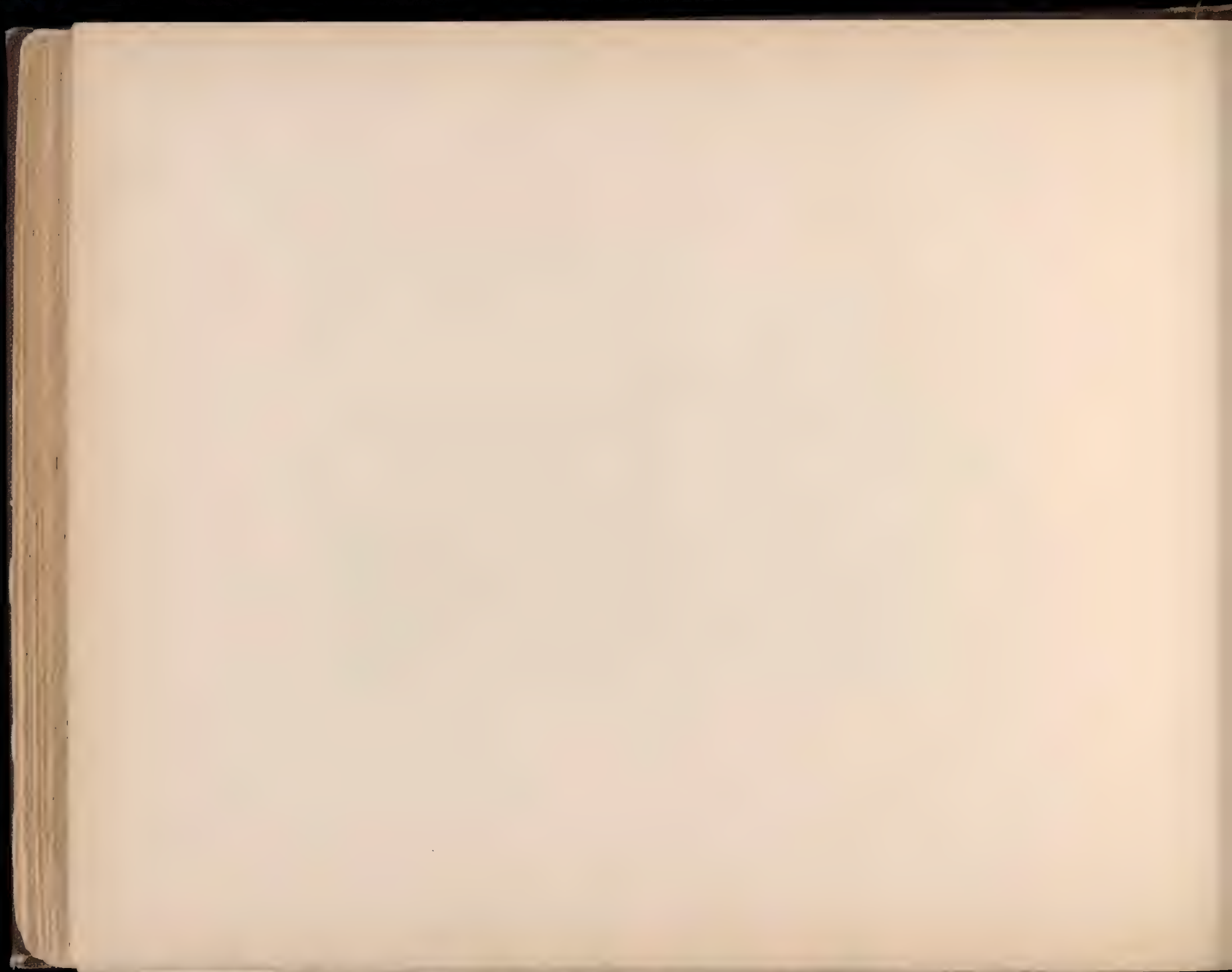
SOUTH GLENS FALLS UNION SCHOOL. Erected 1893. Cost, \$20,000.

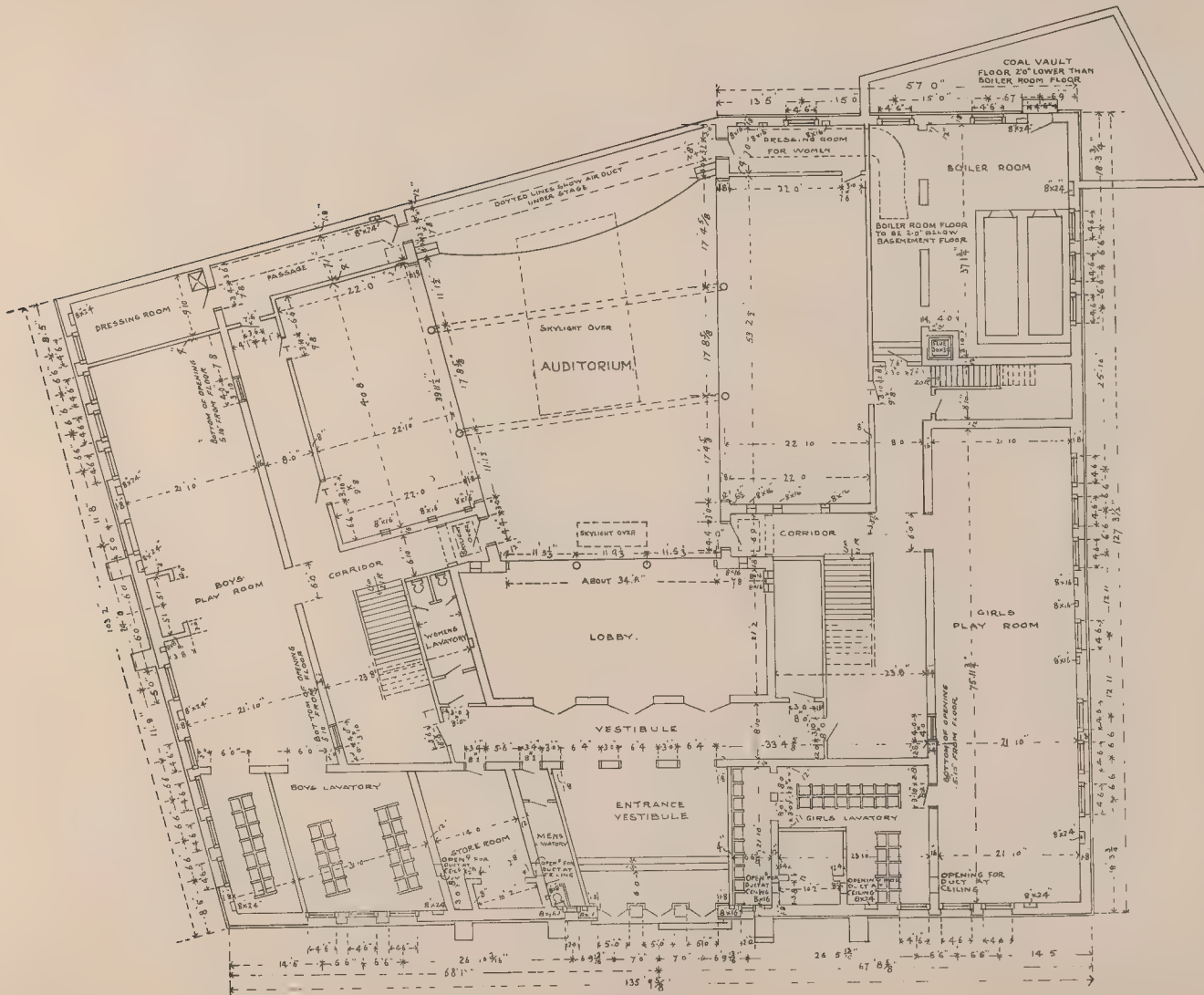






STAPLETON-UNION SCHOOL NO. 2. Erected 1896. Cost, \$103,000.

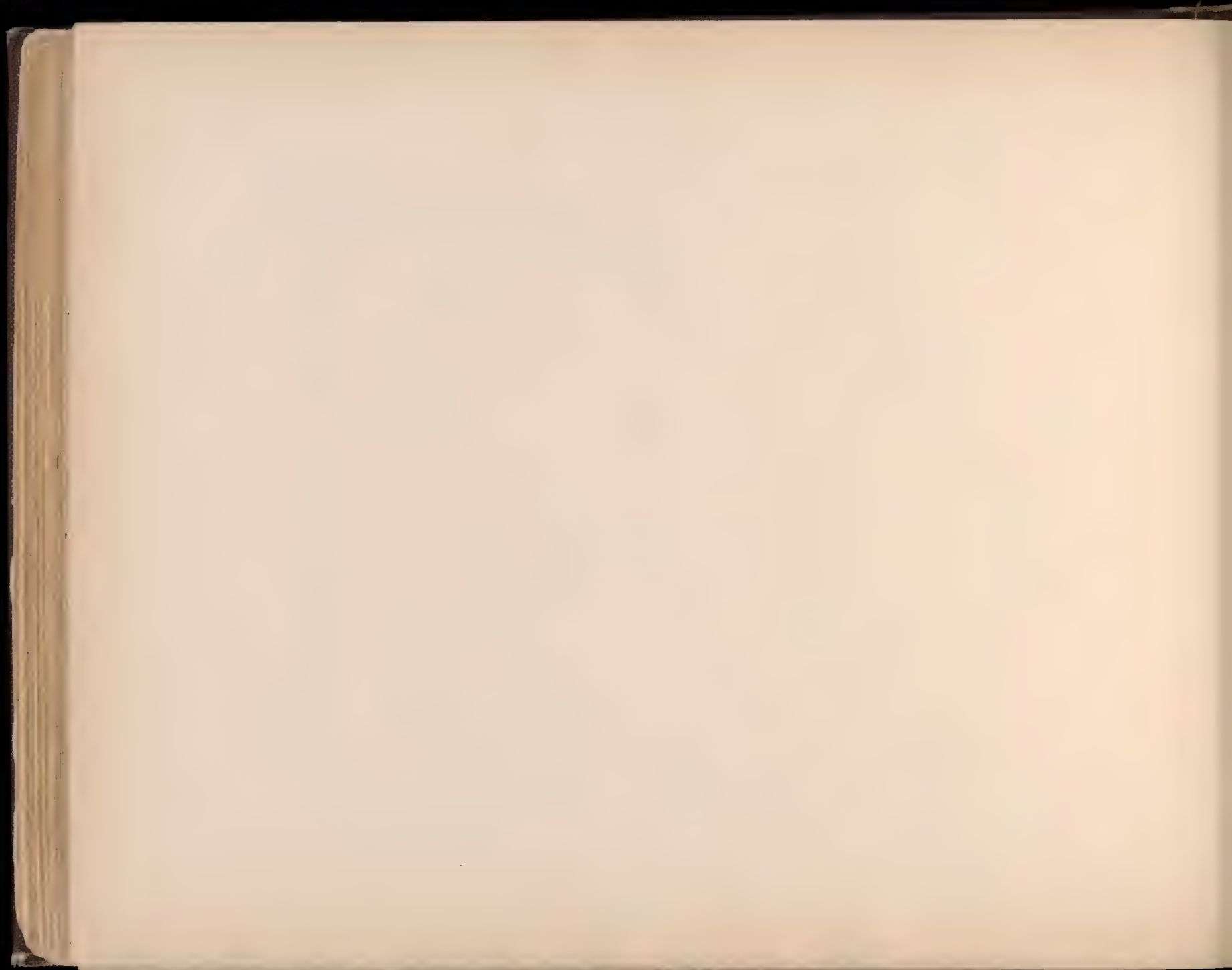




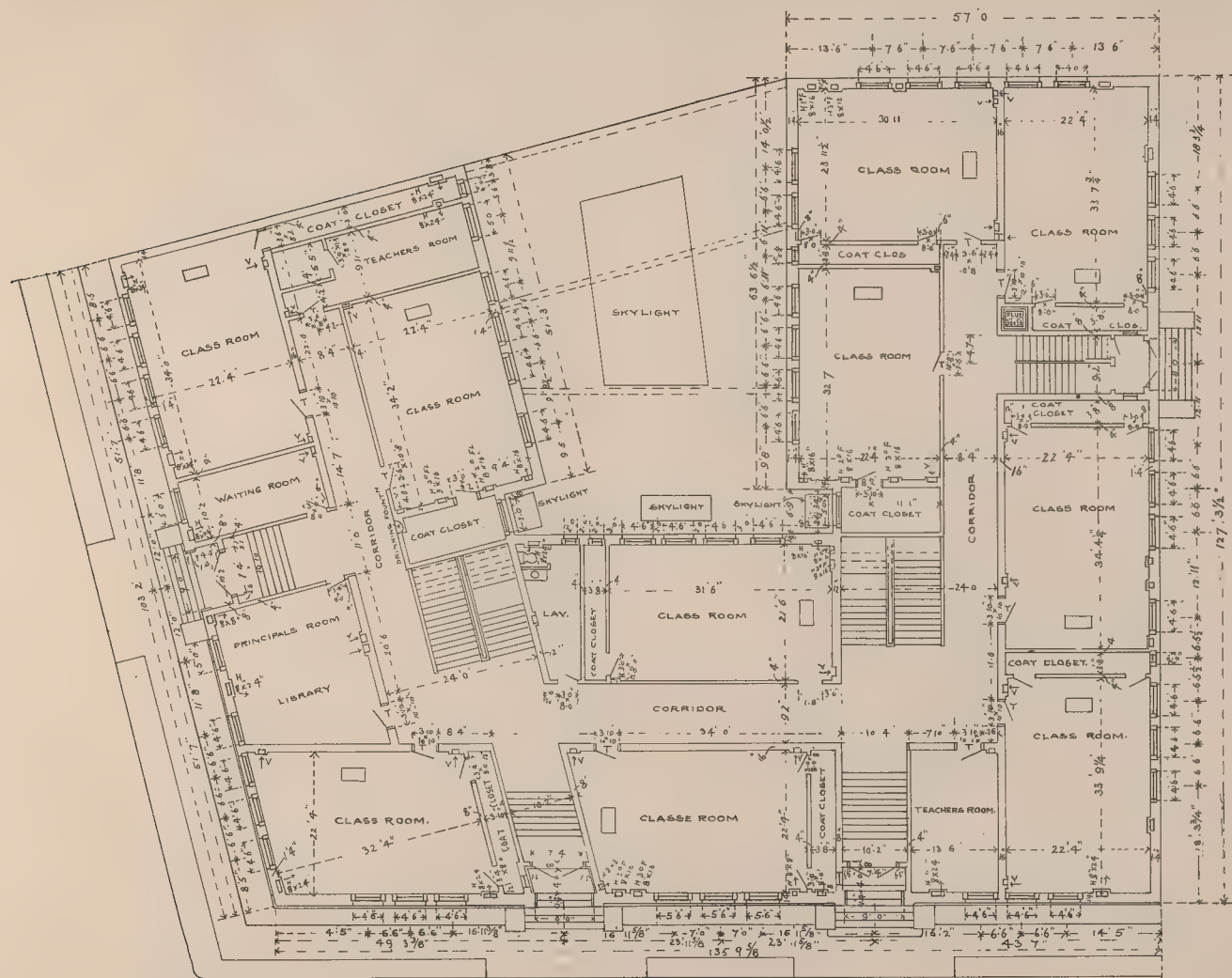
BASEMENT PLAN  
UNION FREE SCHOOL NUMBER TWO  
STAPLETON, S.I

SCALE,  $\frac{1}{8}" = 1.0$

LORD & HEWLETT, ARCHTS.  
123 E 23<sup>rd</sup> ST, NEW YORK.







FIRST FLOOR PLAN  
UNION FREE SCHOOL NUMBER TWO.

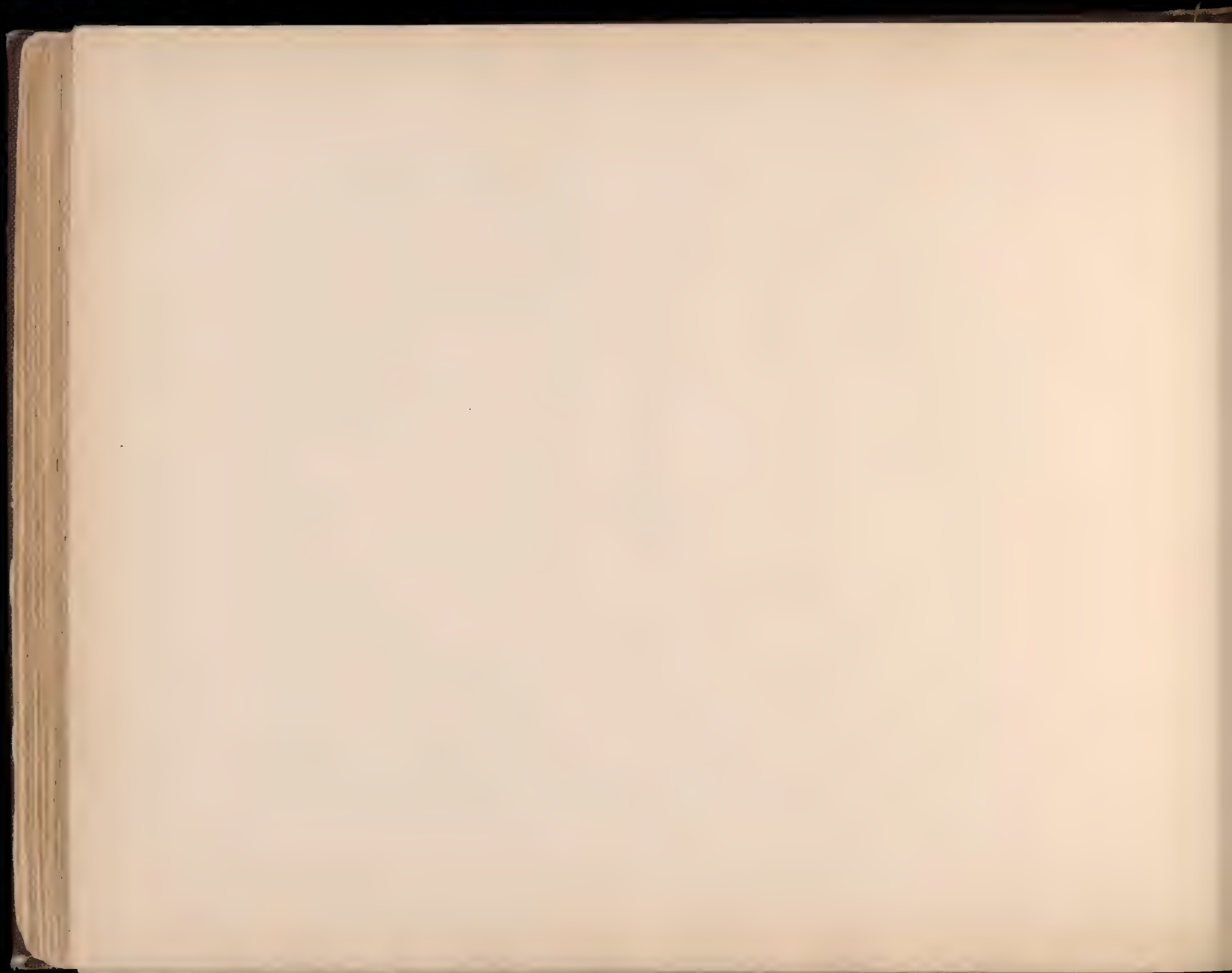
SCALE,  $\frac{1}{8}" = 1'-0"$

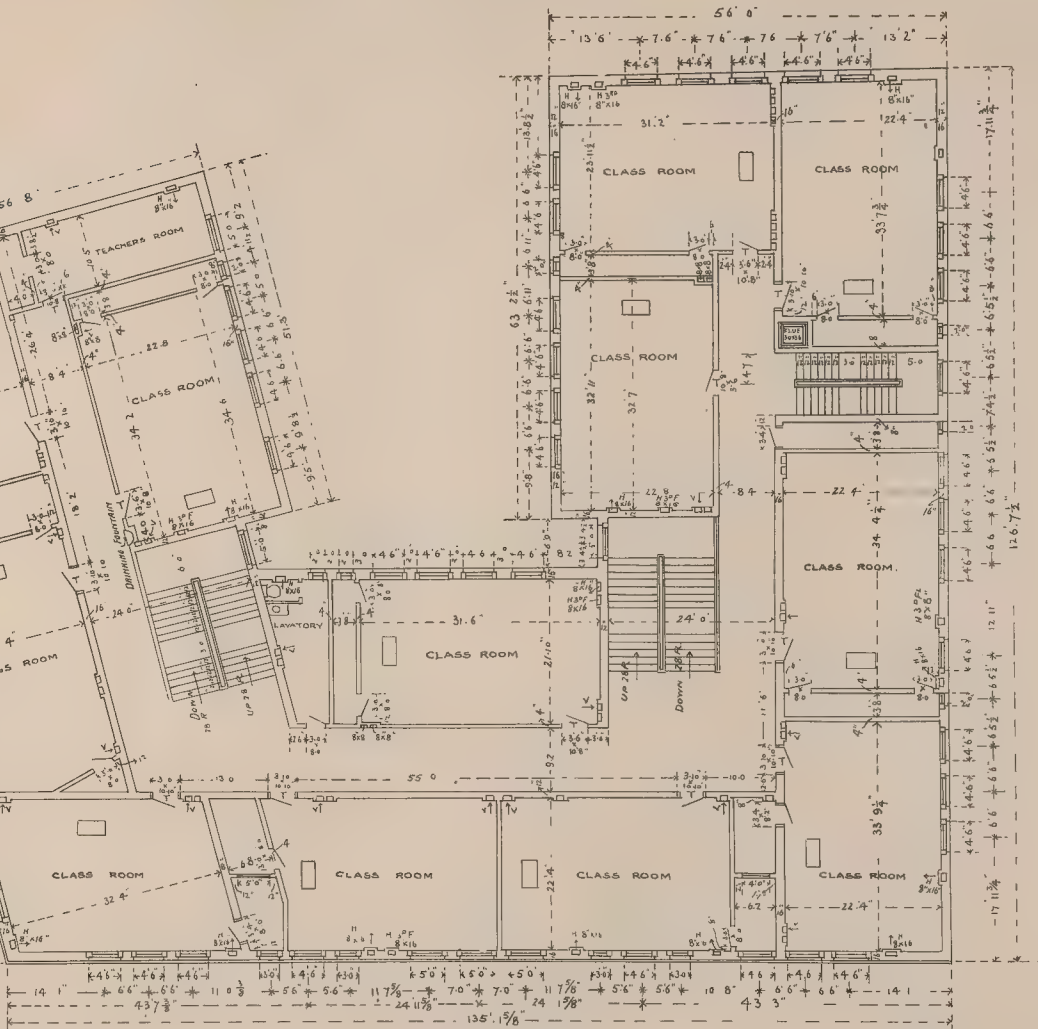
STAPLETON, S I

LORD & HEWLETT, ARCHTS  
NO. 125 EAST 23<sup>RD</sup> ST, NEW YORK

NOTE:  
ALL DOORS MARKED 'T'  
TO HAVE TRANSOMS  
ALL VENT FLUES TO  
8"X12" EXCEPT WHERE OTHER-  
WISE MARKED.





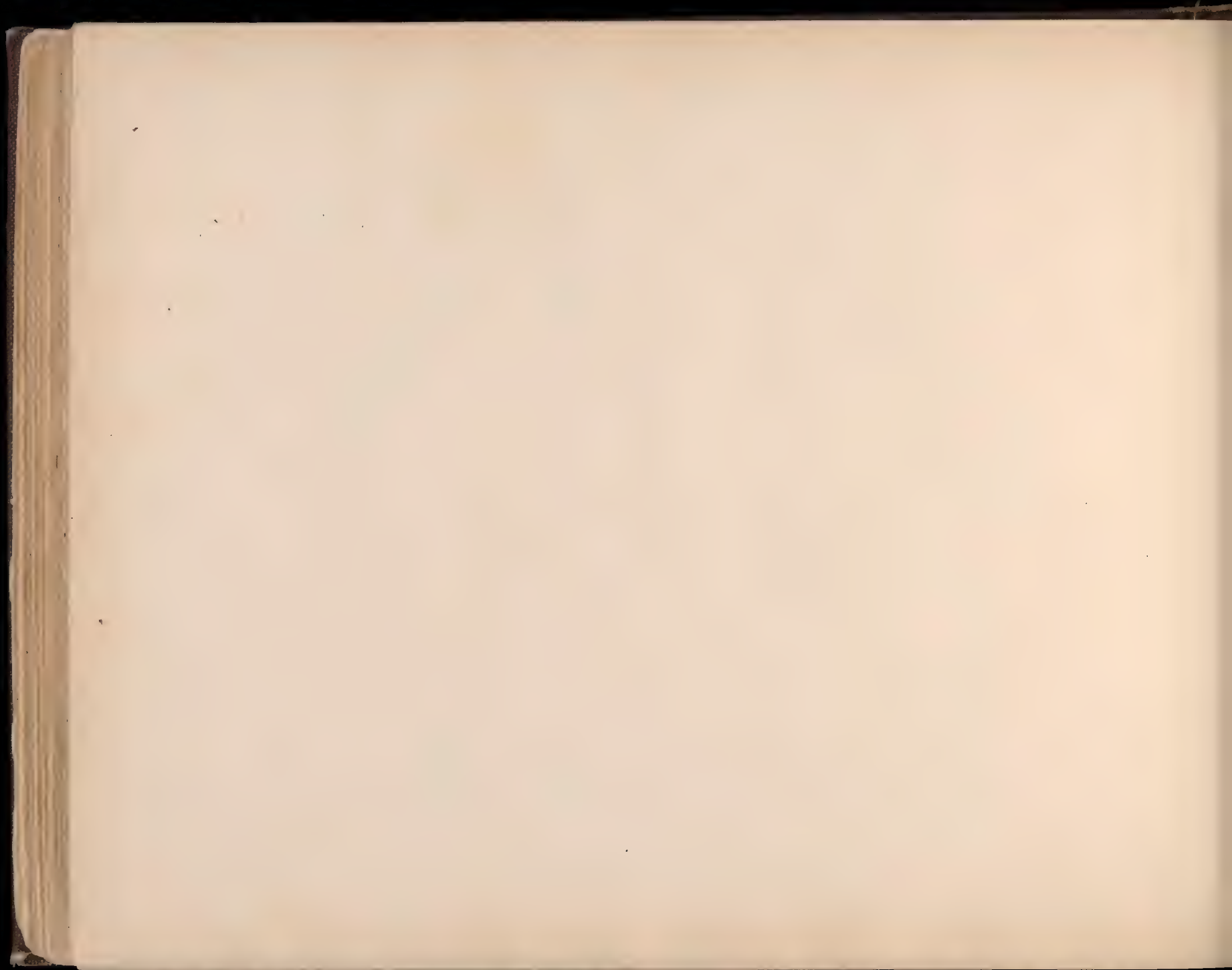


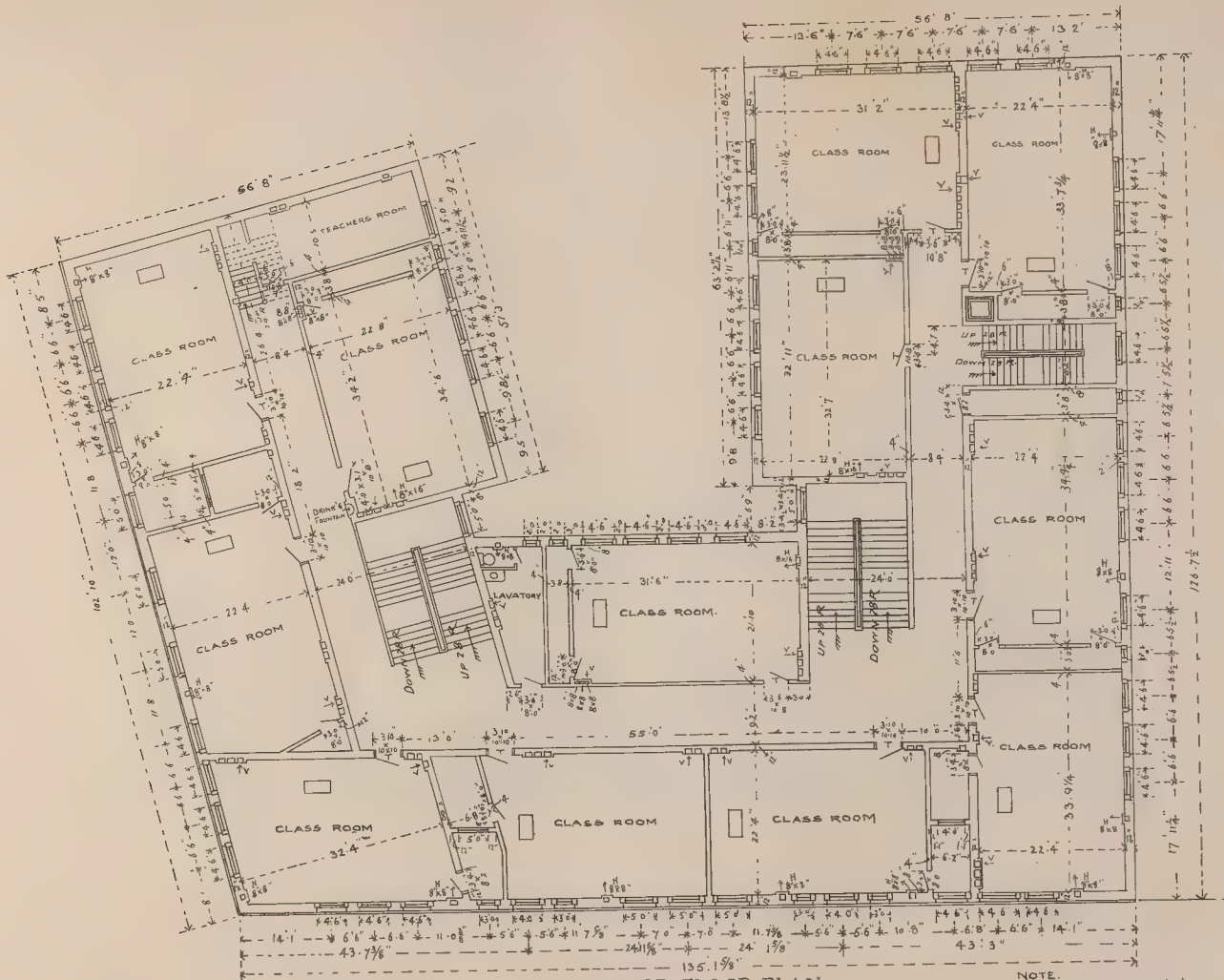
SECOND FLOOR PLAN  
UNION FREE SCHOOL NUMBER TWO  
STAPLETON S.I

SCALE,  $\frac{1}{8}'' = 1.0'$

LORD & HEWLETT ARCHTS.  
NO 123 EAST 23<sup>RD</sup> ST NEW YORK

NOTE  
ALL DOORS MARKED 'T'  
TO HAVE TRANSOMS  
ALL WINDOWS IN COAT  
CLOSETS TO BE 7' 0" FROM  
THE FLOOR 3' 0" HIGH  
ALL VENT FLUES TO BE  
8" x 12" EXCEPT WHERE OTHER-  
WISE MARKED



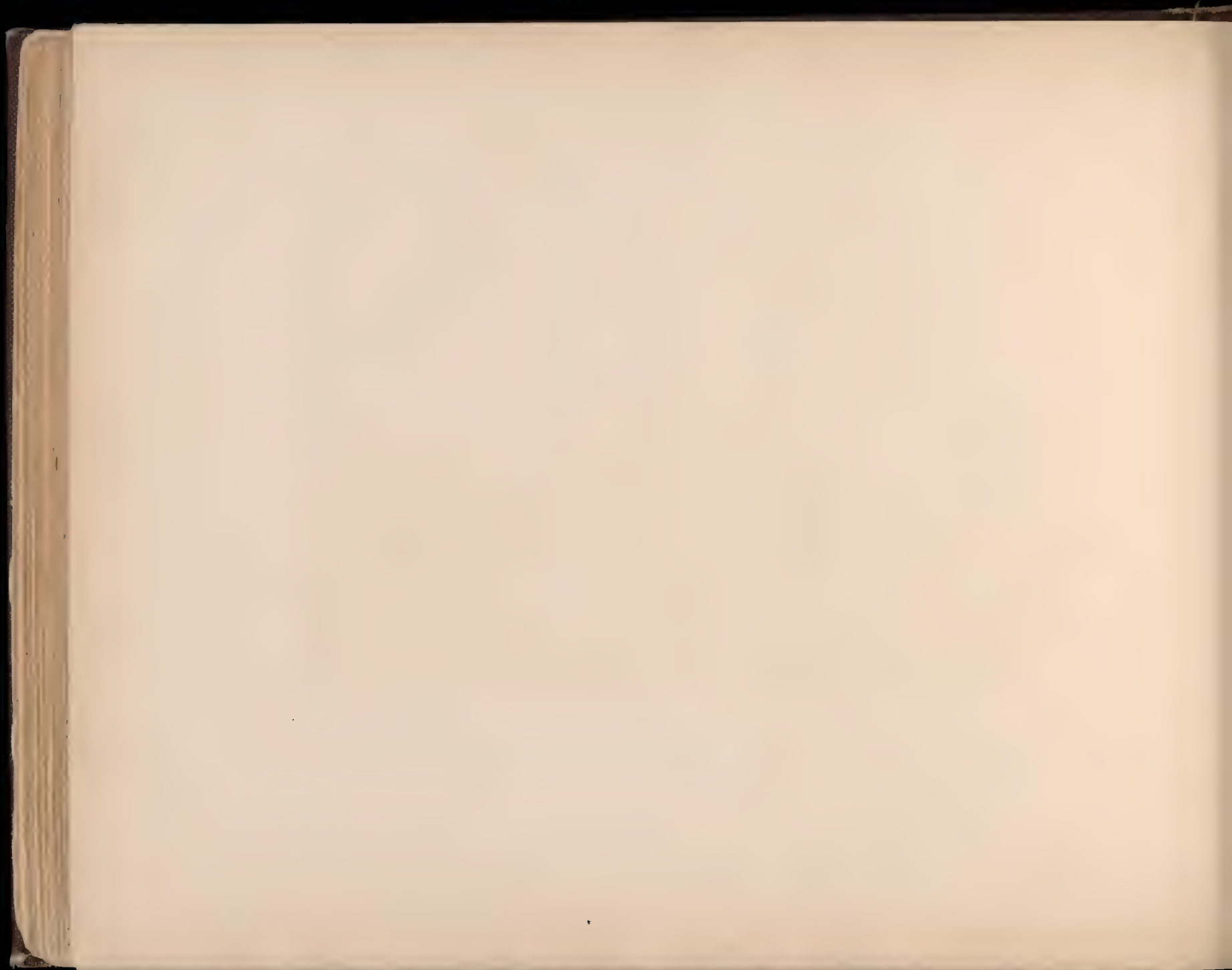


THIRD FLOOR PLAN  
UNION FREE SCHOOL NUMBER TWO.  
STAPLETON S.I.

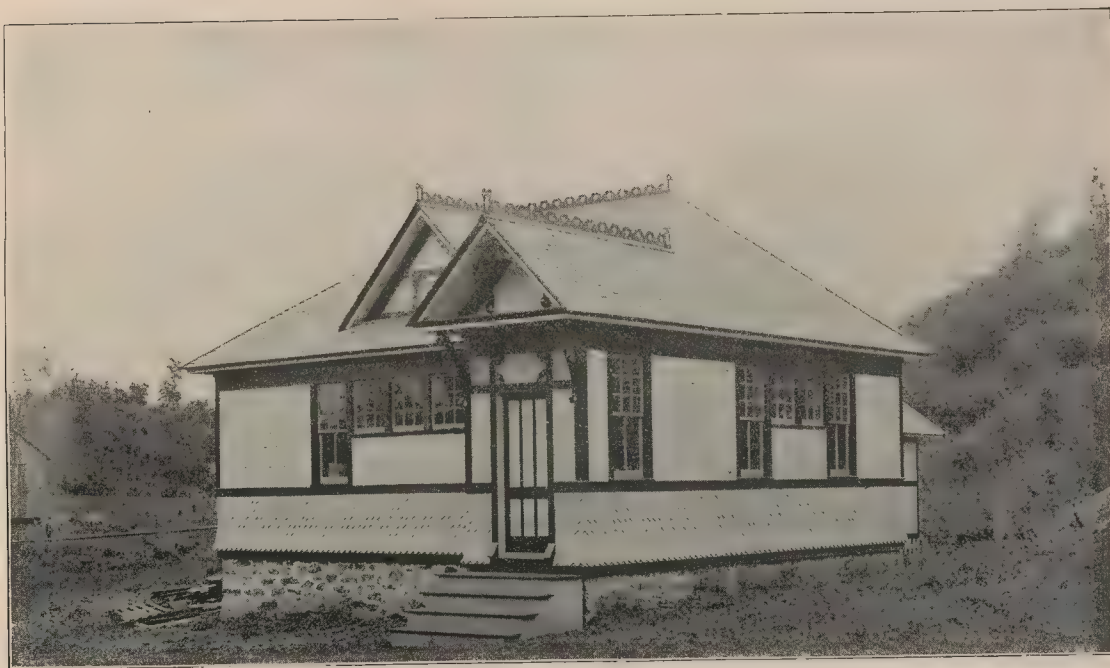
SCALE  $\frac{1}{8}" = 1.0'$

LORD & HEWLETT ARCHTS  
NO 123 EAST 23<sup>D</sup> ST NEW YORK

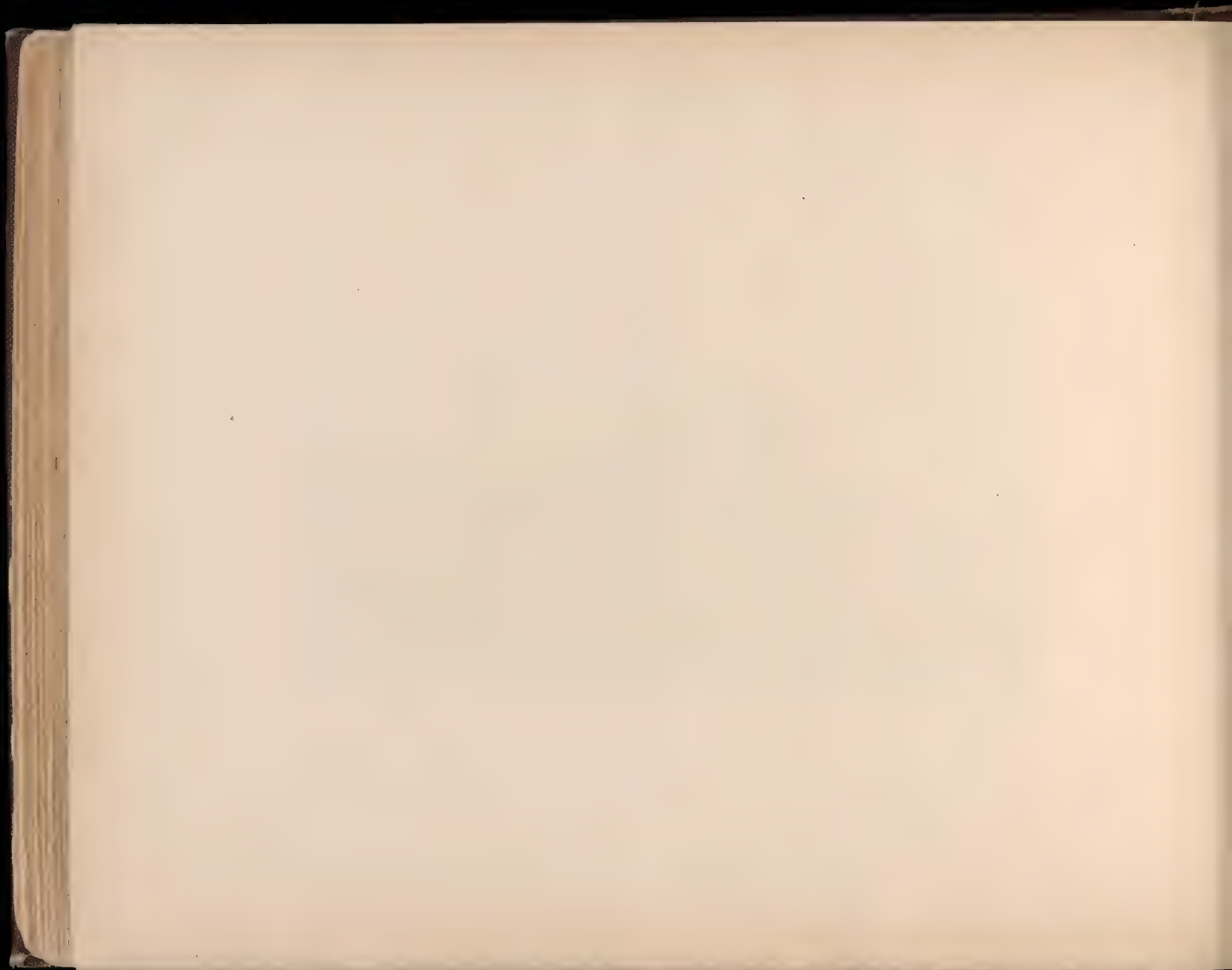
NOTE.  
ALL DOORS MARKED 'T'  
TO HAVE TRANSOMS  
ALL WINDOWS IN COAT  
CLOSETS TO BE 7'0" FROM  
THE FLOOR 3'6" HIGH  
ALL VENT FLUES TO BE  
8"x12" EXCEPT WHERE OTHER-  
WISE MARKED







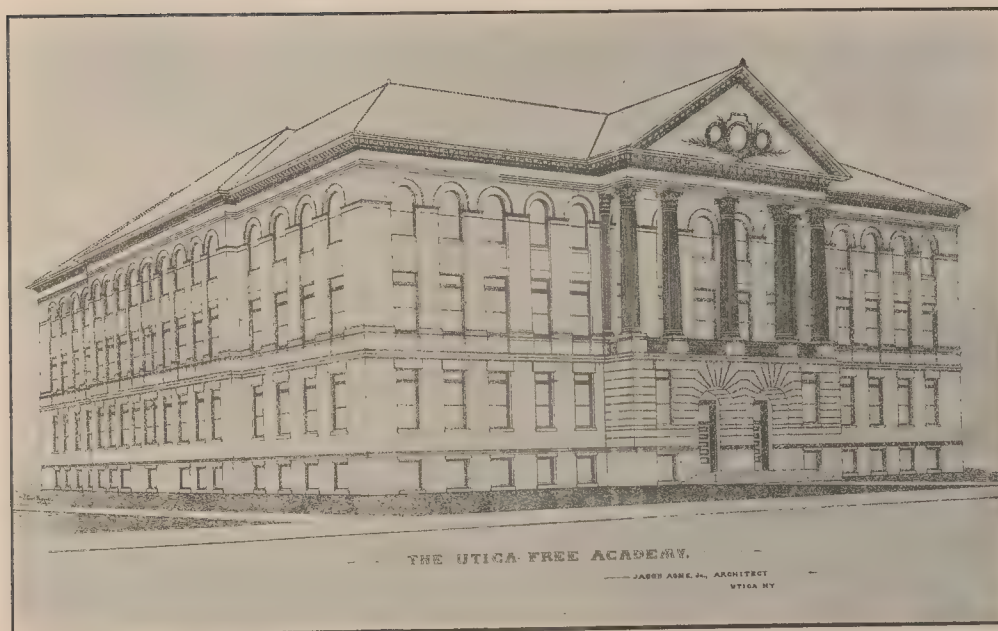
STAR LAKE, ST. LAWRENCE COUNTY.—DISTRICT NO. 9. Erected 1893. Cost, \$800.





TRUMANSBURGH UNION FREE SCHOOL. Erected 1892. Cost, \$18,500.



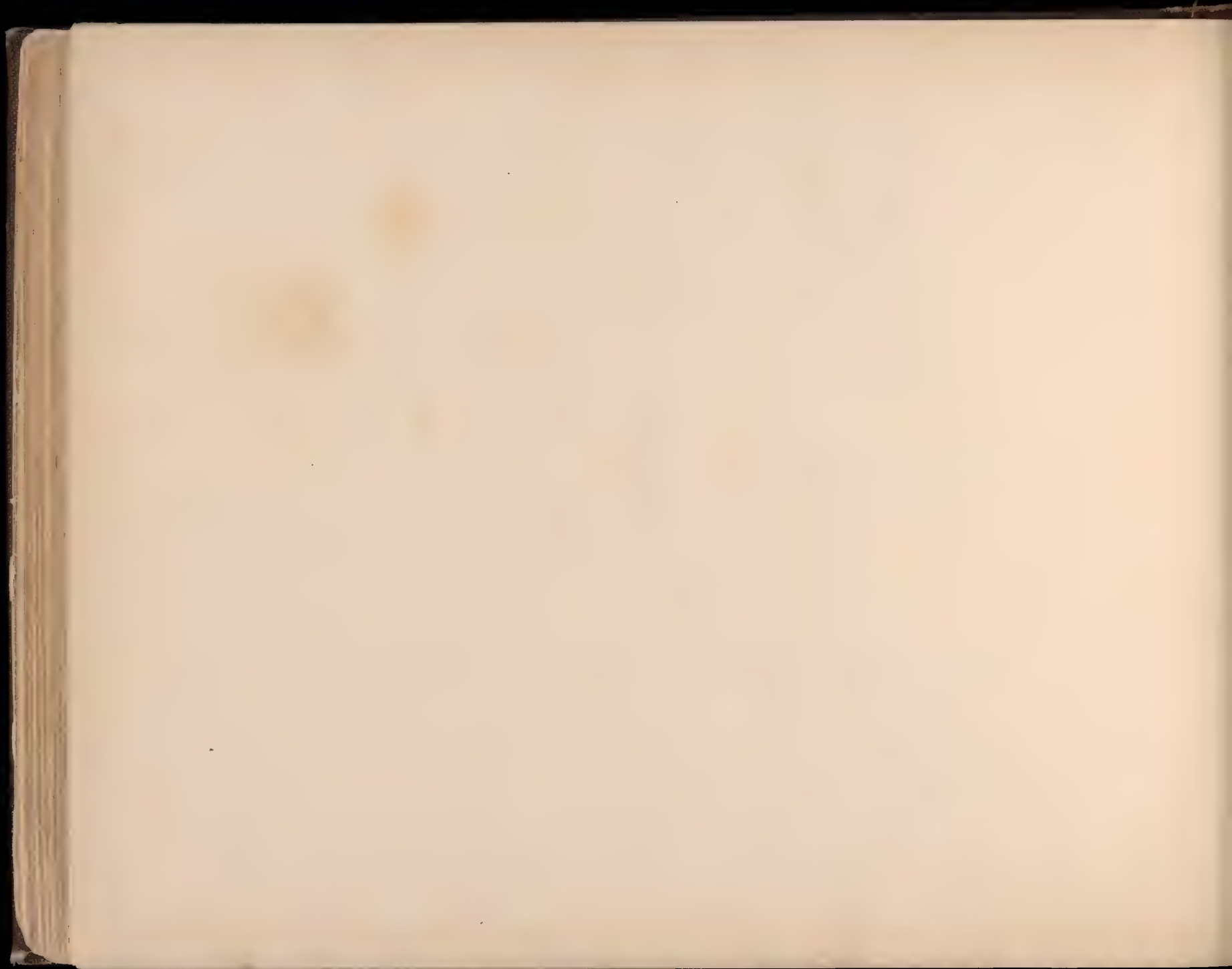


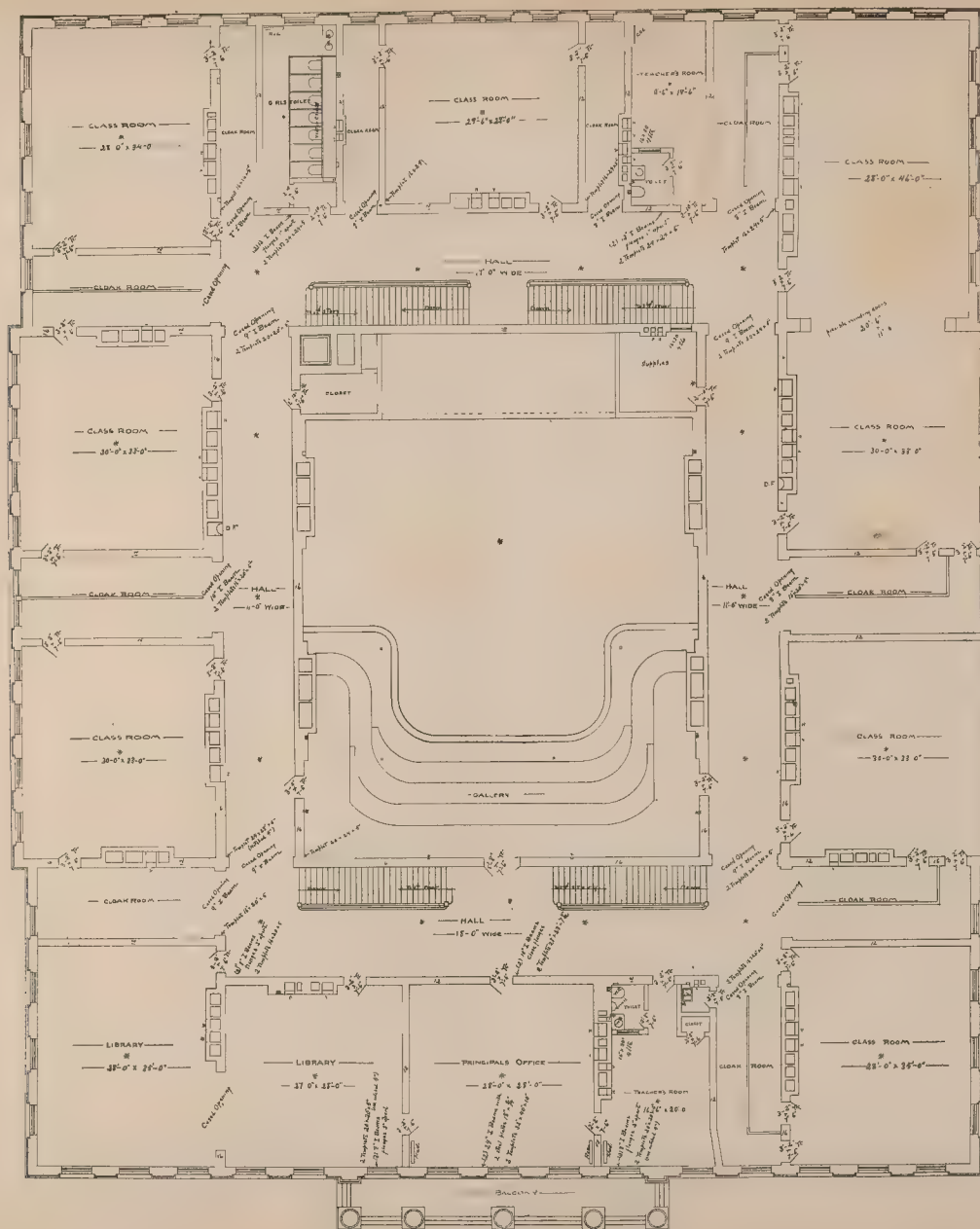
UTICA FREE ACADEMY. Erected 1897. Cost, \$120,000.









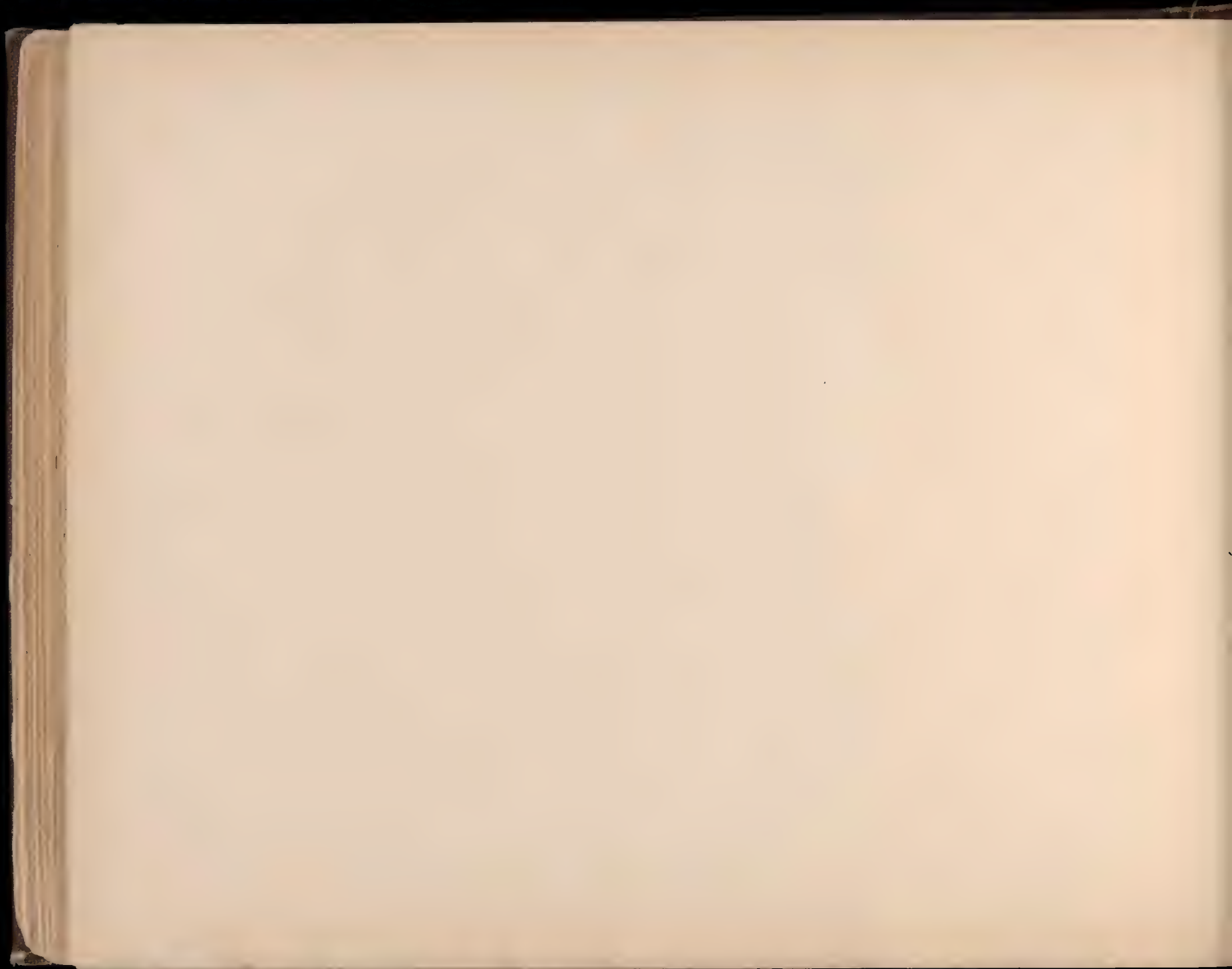


— Jacob J. J. Architects —

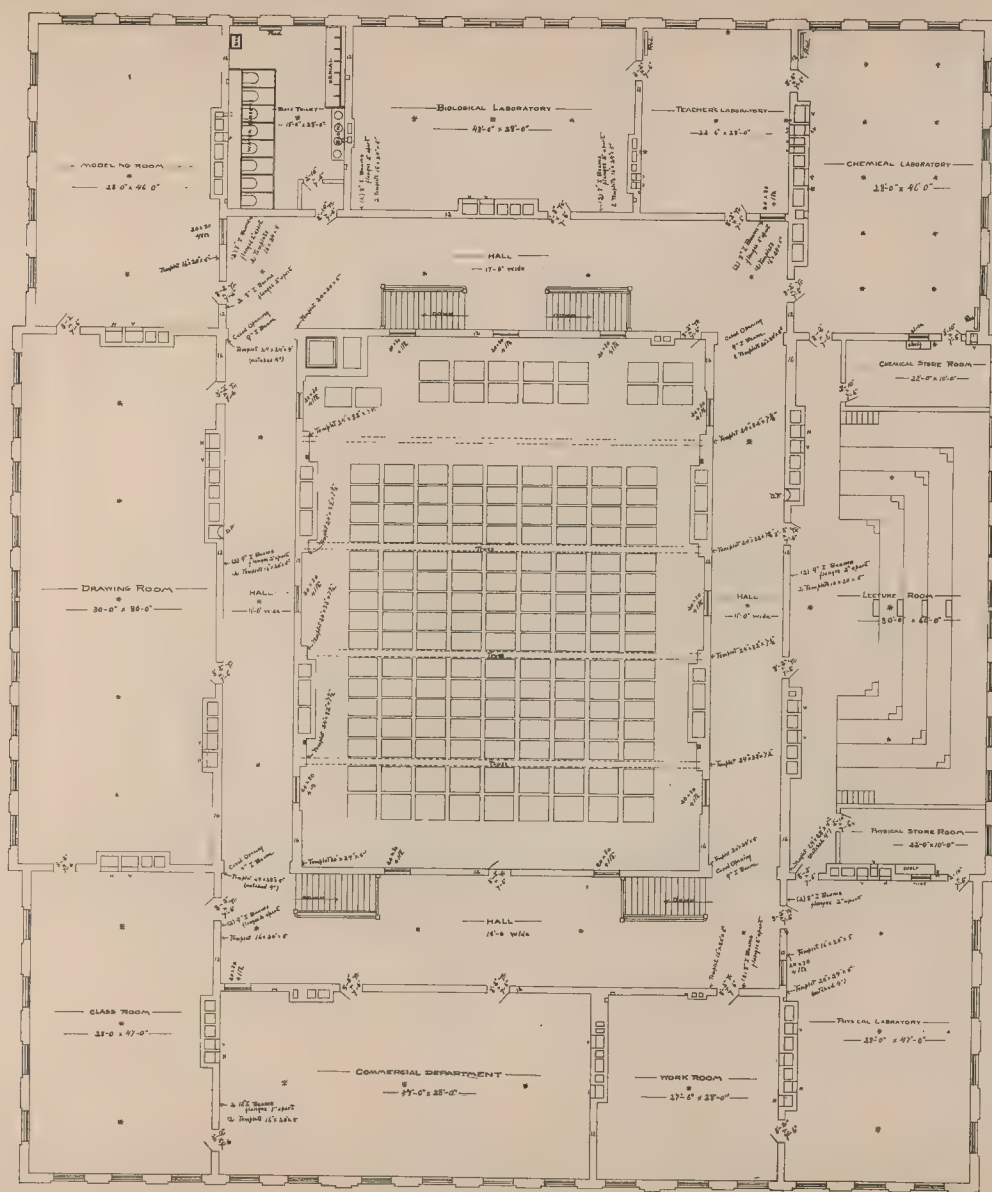
— SECOND FLOOR PLAN —

— SCALE 1/4" = ONE FOOT —

UTICA FREE ACADEMY.







— Jacob Rye Jr. - Architect —

— THIRD FLOOR PLAN —

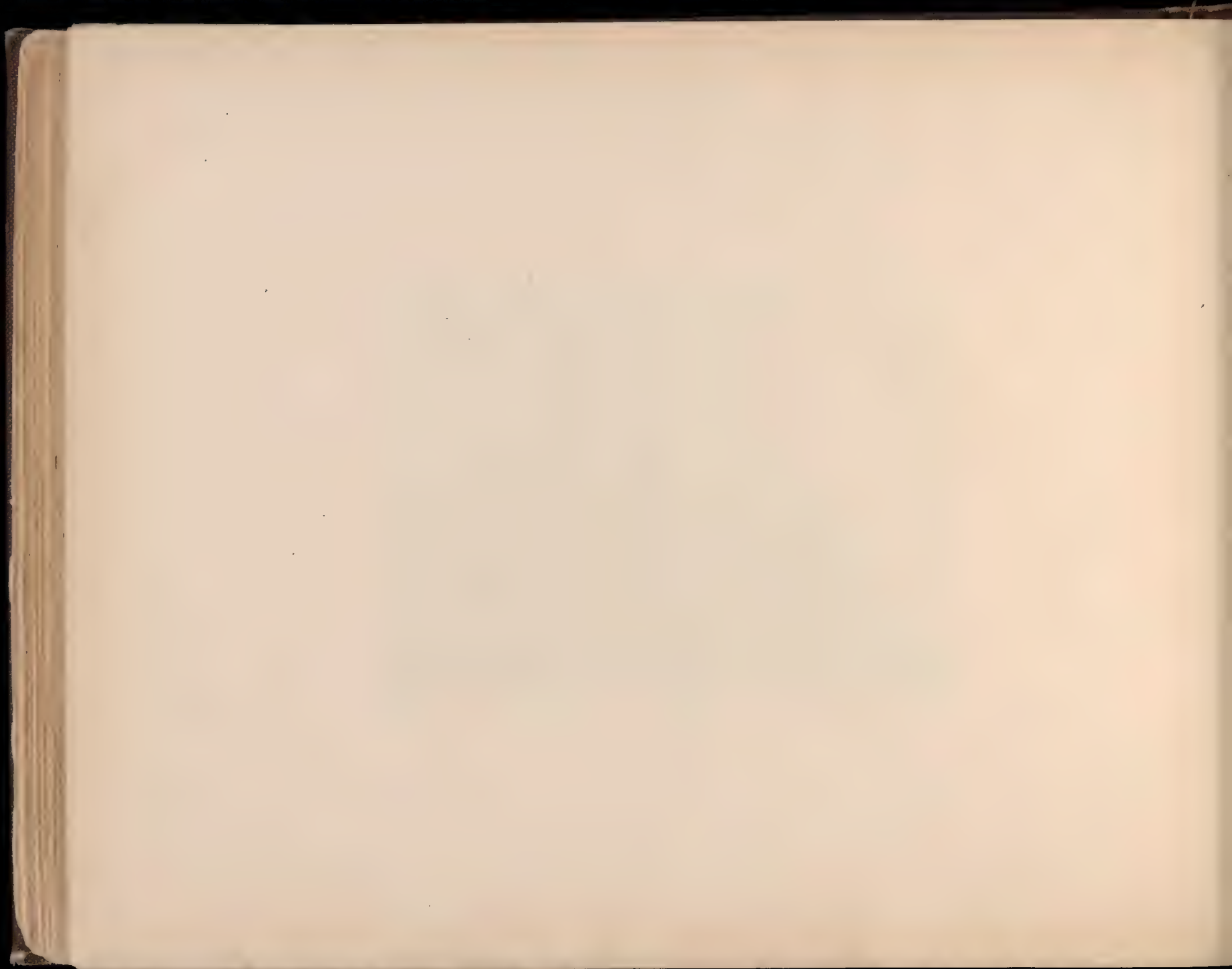
— SCALE  $\frac{1}{8}$ " = ONE FOOT —

UTICA FREE ACADEMY.





WALDEN SCHOOL—DISTRICT No. 13. Erected 1895. Cost, \$2,200.





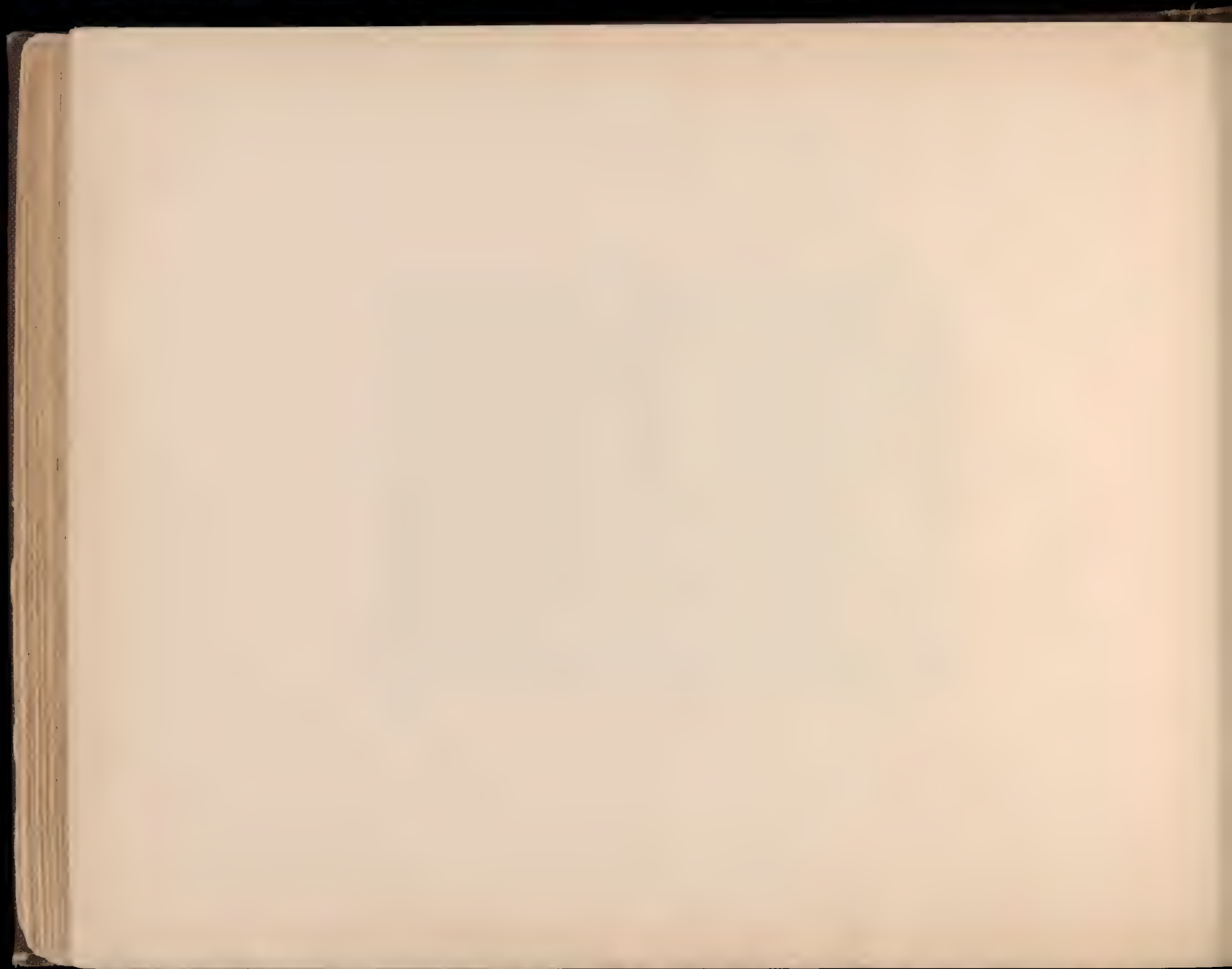
WOODHAVEN HIGH SCHOOL. Erected 1893. Cost, \$31,500.

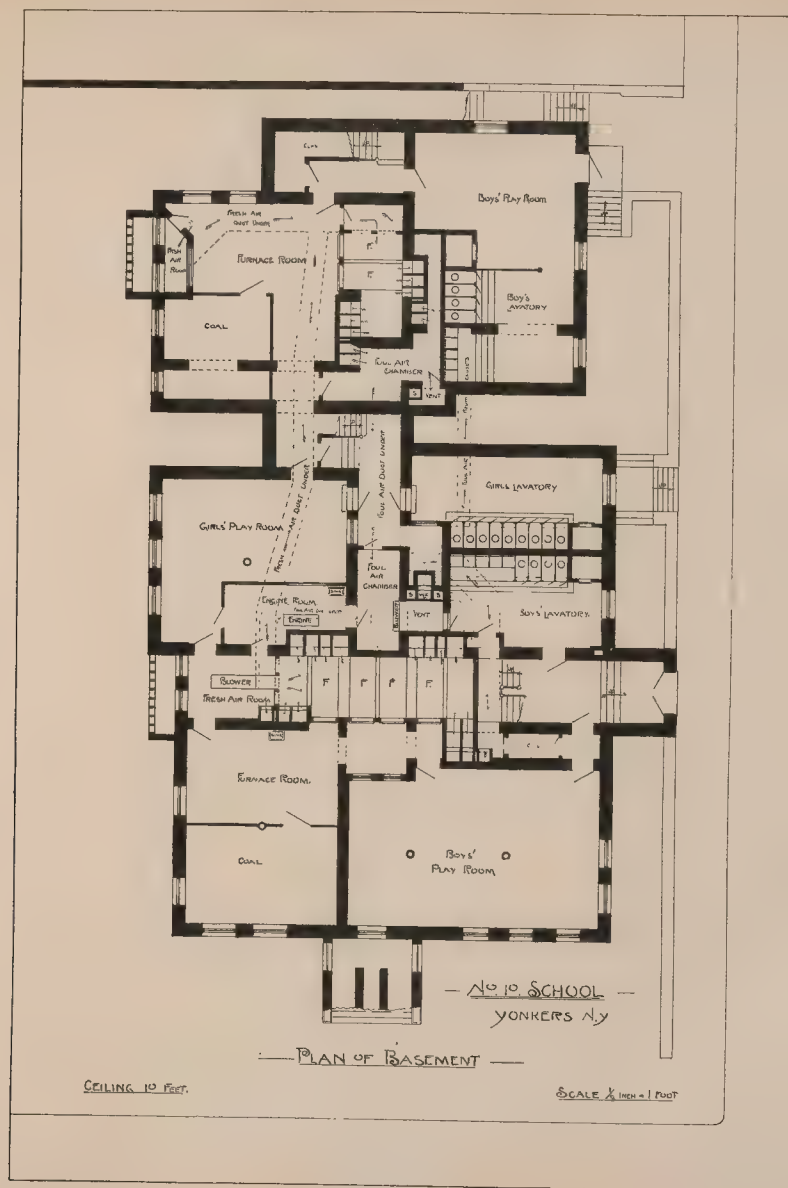


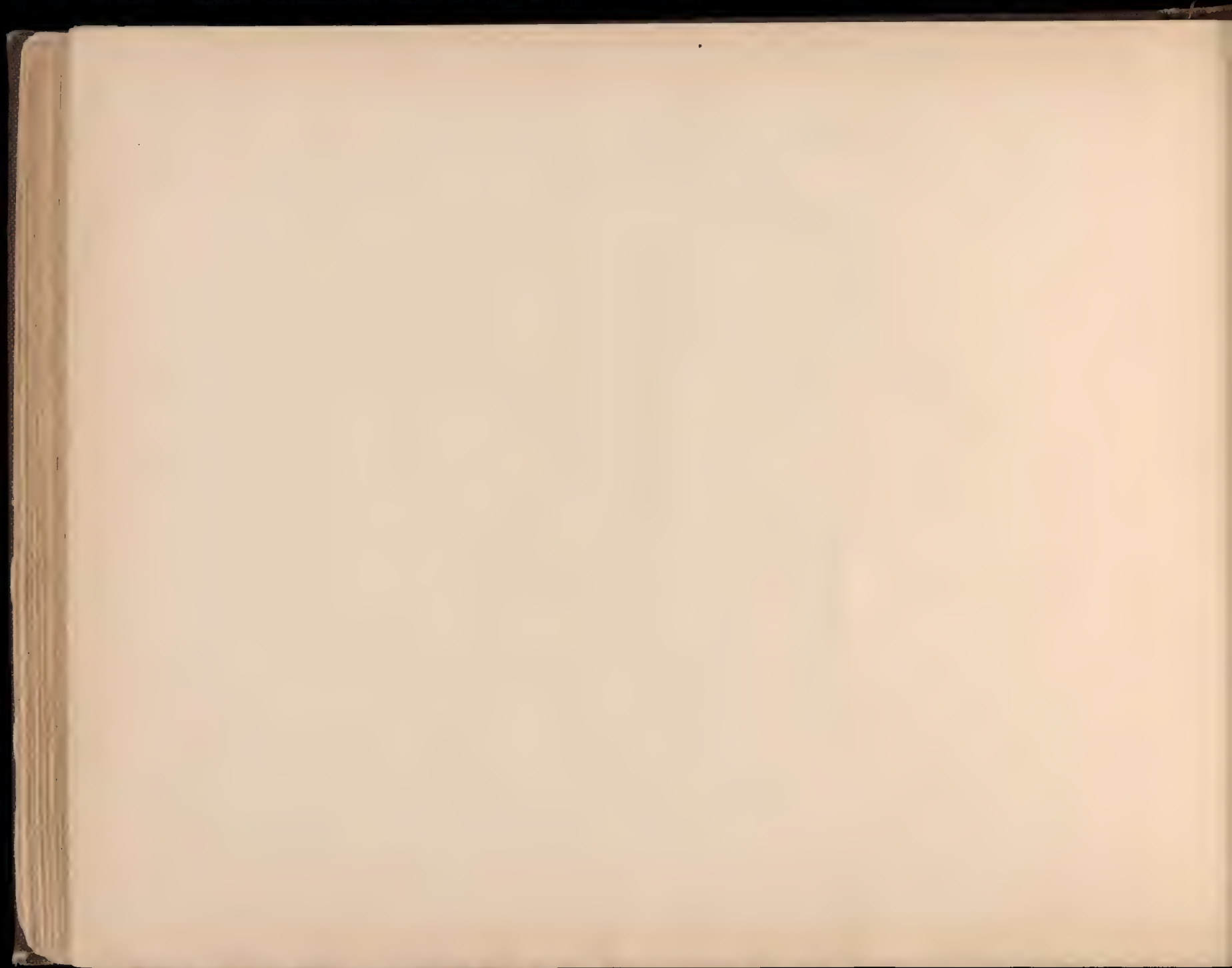




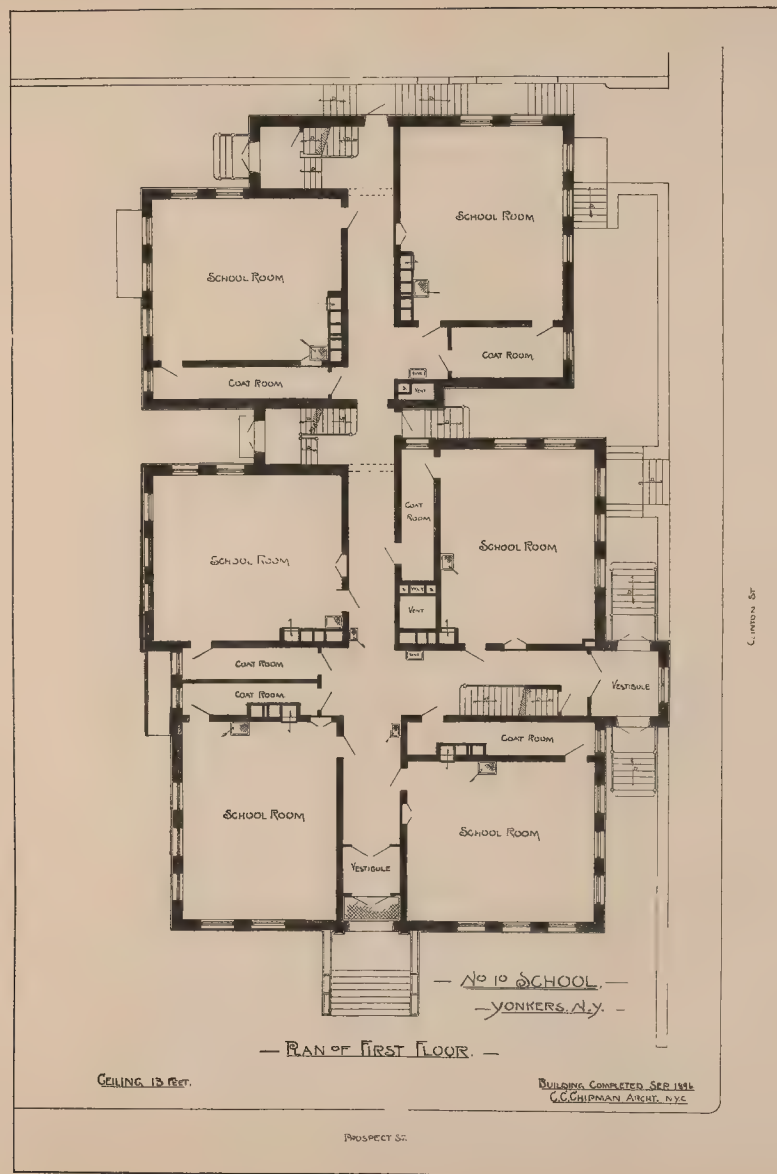
YONKERS—SCHOOL No. 10. Erected 1896. Cost, \$60,000.









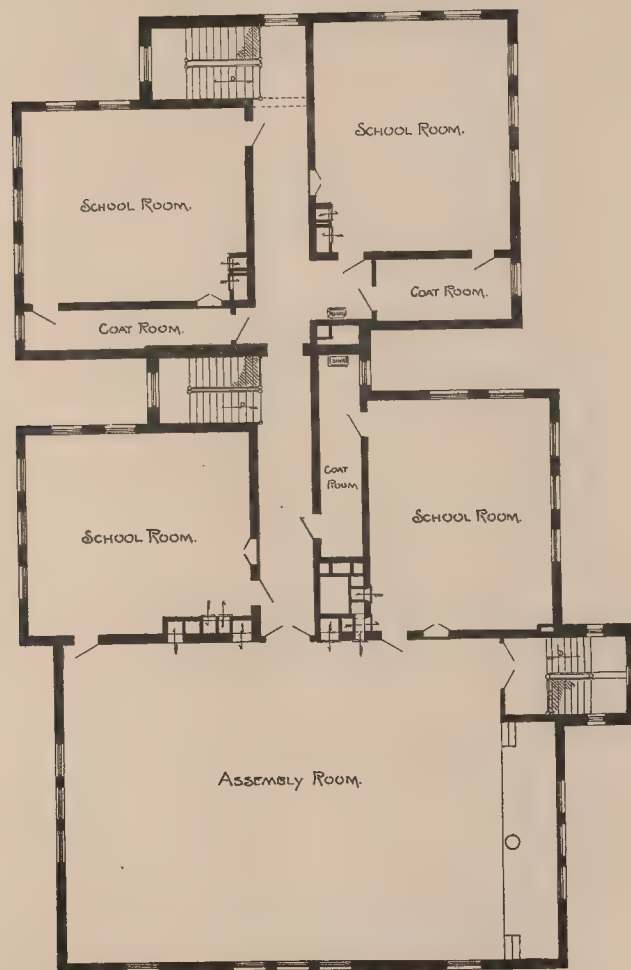






— No. 19 SCHOOL, YONKERS, N.Y. —  
 — PLAN OF SECOND FLOOR —





— NEW SCHOOL YONKERS, N.Y. —  
— PLAN OF THIRD FLOOR. —





# INDEX.

	PAGE.		PAGE.
Albany, . . . . .	7-13	Cornwall-on-Hudson, . . . . .	109-113
Amityville, . . . . .	15	Cortland, . . . . .	115
Amsterdam, . . . . .	17-25	Dobbs Ferry, . . . . .	117-123
Auburn, . . . . .	41	Dundee, . . . . .	125
Auburn School, Ventilation of, . . . . .	27-39	Dunkirk, . . . . .	127-137
Bay Shore, . . . . .	43	East Hampton, . . . . .	139
Broadalbin, . . . . .	45-49	Elmira, . . . . .	141-153
Buffalo, High School, . . . . .	51	Far Rockaway, . . . . .	155-161
Buffalo, Primary and Grammar schools, . . . . .	53-61	Friendship, . . . . .	163
Caldwell (Hillview), . . . . .	63	Fultonville, . . . . .	165
Castleton (Tompkinsville) . . . . .	65-73	Gainesville, . . . . .	167
Catskill, . . . . .	75-79	Geneva, . . . . .	169-183
Churchville, . . . . .	81-93	Glen Cove, . . . . .	185-189
Cold Spring (Haldane), . . . . .	95-97	Gloversville, . . . . .	191-199
Columbus, . . . . .	99	Hempstead, . . . . .	201-209
Corinth, . . . . .	101	Hilton (N. Parma) . . . . .	211-219
Cornwall, . . . . .	103-107	Hollis, . . . . .	221-237



# INDEX—CONTINUED.

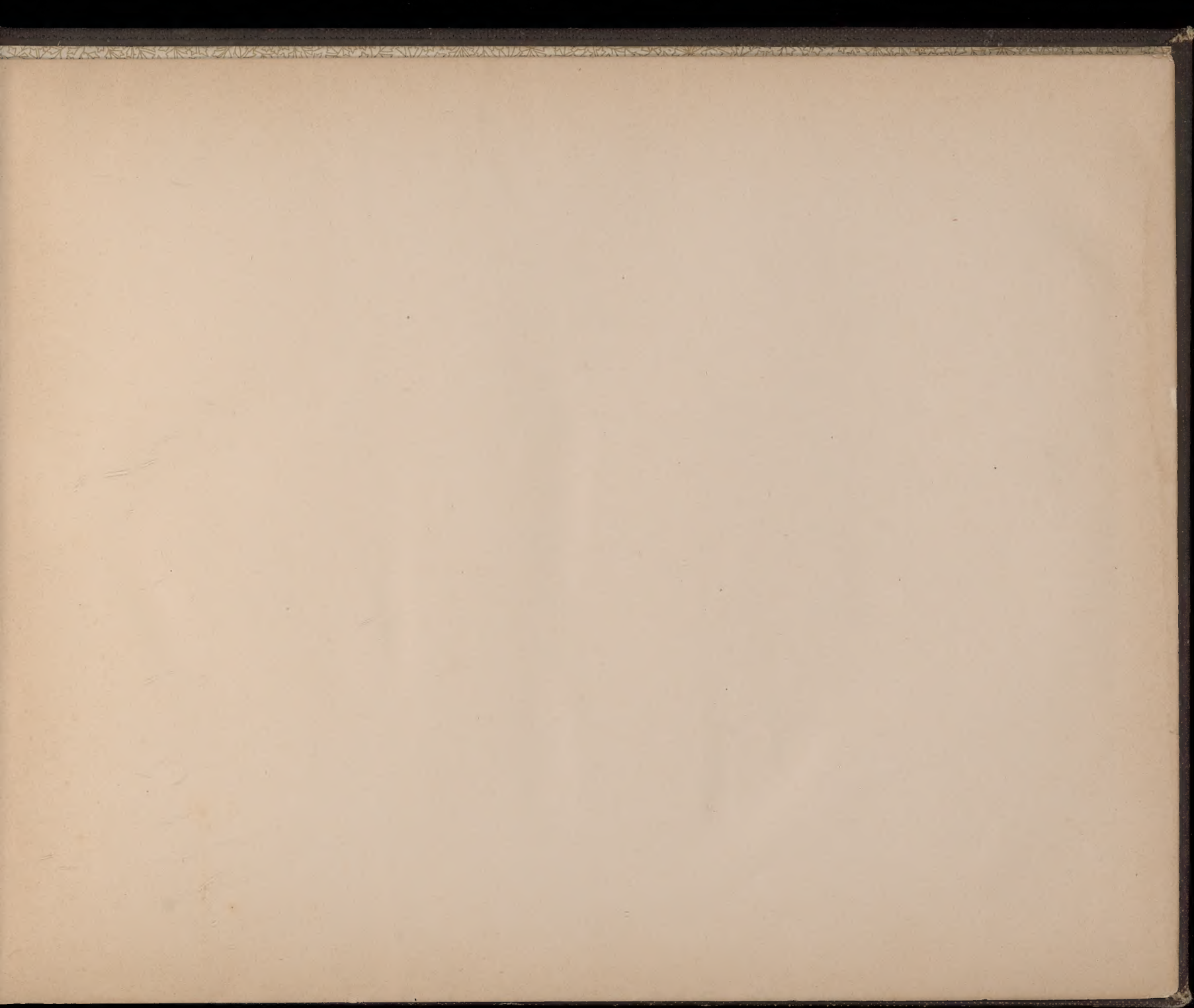
	PAGE.		PAGE.
Hornellsville, . . . . .	239-251	Plattsburgh, . . . . .	339-345
Hunter, . . . . .	253-261	Potsdam, . . . . .	347-353
Jamestown, . . . . .	263-269	Rotterdam (Bellevue) . . . . .	355
Lansingburgh, . . . . .	271-275	Rye Neck, . . . . .	357
Lenox, . . . . .	277	Sandy Hill, . . . . .	359
Lockport, . . . . .	279-285	Saratoga Springs, . . . . .	361-365
Mariner Harbor, . . . . .	287	Schaghticoke, . . . . .	367
Middletown, . . . . .	289-295	Somers, . . . . .	369-381
Millbrook, . . . . .	297-303	Southfield, . . . . .	383
Morris, . . . . .	305	South Glens Falls, . . . . .	385
Mount Vernon, . . . . .	307-313	Stapleton, . . . . .	387-395
New Rochelle, . . . . .	315	Star Lake, . . . . .	397
New York, . . . . .	317-323	Tompkinsville (See Castleton).	
Niagara Falls, . . . . .	325-329	Trumansburgh, . . . . .	399
North Parma (See Hilton).		Utica, . . . . .	401-407
North Tonawanda, . . . . .	331-333	Walden, . . . . .	409
Olean, . . . . .	335	Woodhaven, . . . . .	411
Orange, . . . . .	337	Yonkers, . . . . .	413-421

















GETTY CENTER LIBRARY



3 3125 00768 8233



